Supporting Information for

Terpenoids of plants from family Chloranthaceae: chemistry, bioactivity, and synthesis

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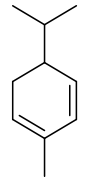
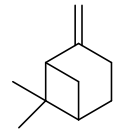
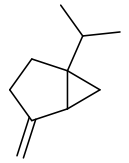
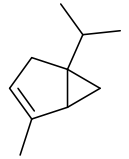
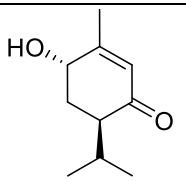
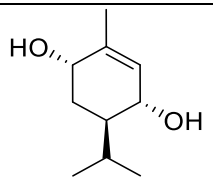
Content

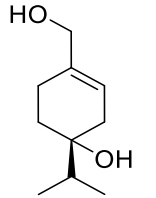
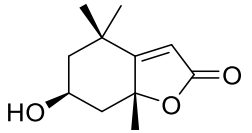
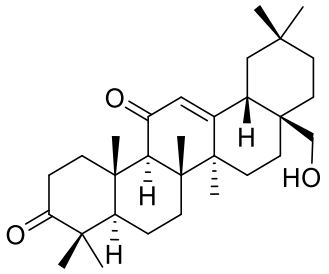
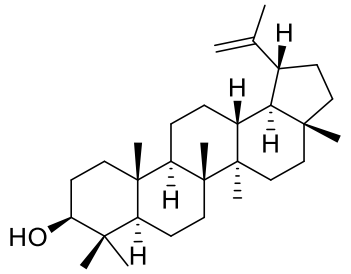
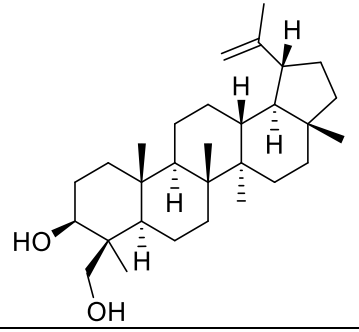
Table S1. *P. falciparum* growth inhibition and mammalian cytotoxicity for compounds 289–343

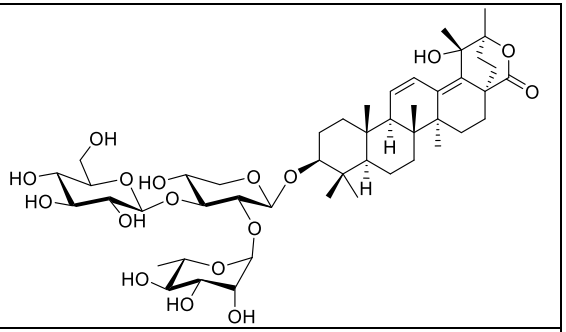
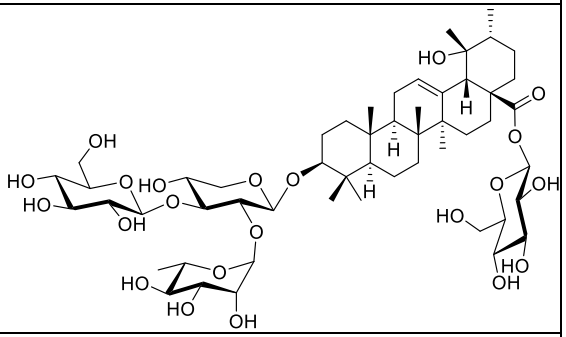
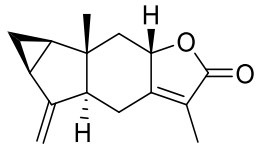
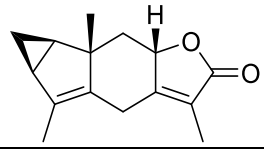
Compound no.	*P. falciparum* EC_{50} ± SD (nM)	WI-38 IC_{50} (μM)	Compound no.	*P. falciparum* EC_{50} ± SD (nM)	WI-38 IC_{50} (μM)
289	5.2 ± 0.6	8.84	**317**	1.1 ± 0.2	5.39
290	19 ± 8	3.09	**318**	13 ± 3	0.16
291	211 ± 56	NT[a]	**319**	100 ± 10	10.04
292	30 ± 8	0.53	**300**	265 ± 5	NT
293	43 ± 3	>100	**321**	320 ± 130	NT
294	5300 ± 2000	NT	**322**	11400 ± 1600	NT
295	46 ± 3	1.24	**323**	1800 ± 400	NT
296	198 ± 22	NT	**324**	580 ± 90	NT
297	94 ± 30	NT	**325**	11 ± 1	0.23
298	9900 ± 2700	NT	**326**	13 ± 1	1.74
299	4700 ± 500	NT	**327**	27 ± 3	16.7
300	99 ± 18	15.5	**328**	474 ± 12	NT
301	10200 ± 370	NT	**329**	1500 ± 300	NT
302	495 ± 11	NT	**330**	7100 ± 1000	NT
303	NT	NT	**331**	> 2000	NT
304	1500 ± 12	NT	**332**	> 2000	NT
305	NT	NT	**333**	9.7 ± 1.3	NT
306	0.0043 ± 0.0003	39.0	**334**	102 ± 8	NT
307	36 ± 8	NT	**335**	> 25000	NT
308	85 ± 1	NT	**336**	> 25000	NT
309	60 ± 10	NT	**337**	> 25000	NT
290	> 2000	NT	**338**	> 25000	NT
311	4600 ± 200	NT	**339**	> 25000	NT
312	7.2 ± 1.3	4.04	**340**	> 25000	NT
313	860 ± 89	NT	**341**	> 25000	NT
314	111 ± 12	NT	**342**	> 25000	NT
315	21 ± 9	0.77	**343**	> 25000	NT
316	96 ± 37	4.45	Artemisinin[b]	4.0 ± 4.2	NT

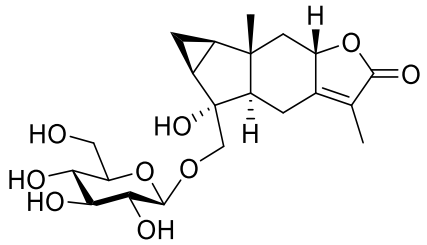
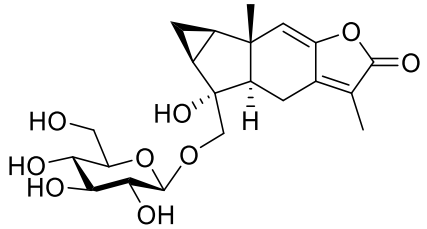
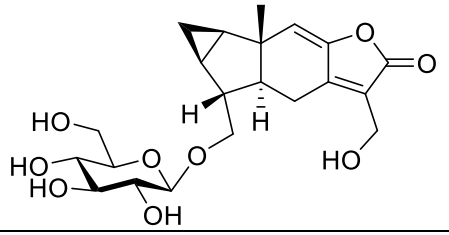
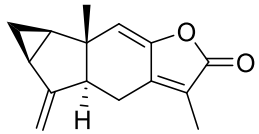
[a]NT represents not tested. [b]Artemisinin was used as the positive control.

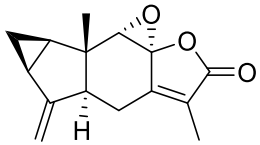
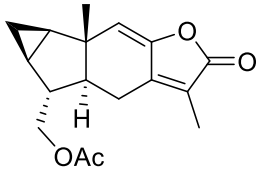
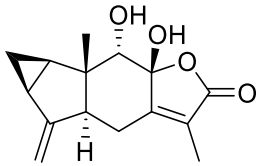
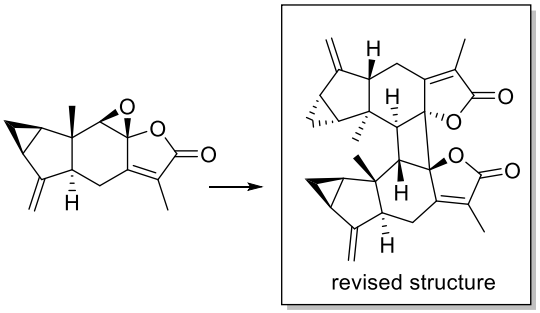
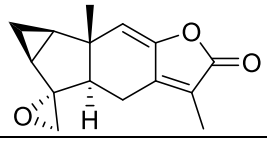
Table S2. Classification, source, bioactivity, synthesis, and structures of 682 terpenoids identified from Chloranthaceae plants

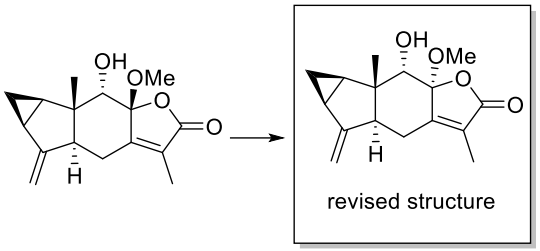
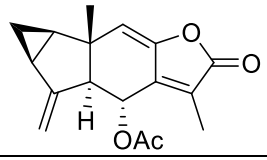
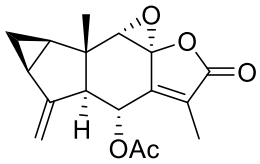
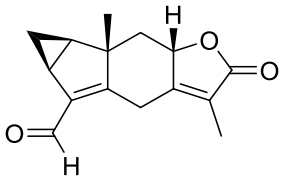
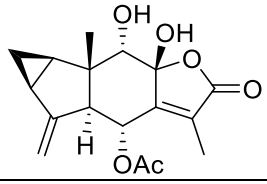
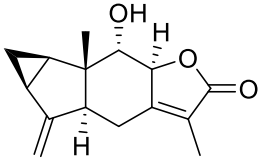
No.	Name	Source/Ref.	Bioactivity/Ref.	Synthesis/Ref.	Structure
I. Monoterpenoids (1–8) and triterpenoids (9–13)					
1	α-Phellandrene	The essential oils components of Chloranthaceae species[1,2]	Varied activities such as analgesic and anti-inflammatory effects[1,2]	NA	
2	β-Pinene	The essential oils components of Chloranthaceae species[1,2]	Varied activities such as analgesic and anti-inflammatory effects[1,2]	NA	
3	Sabinene	The essential oils components of Chloranthaceae species[1,2]	Varied activities such as analgesic and anti-inflammatory effects[1,2]	NA	
4	α-Thujene	The essential oils components of Chloranthaceae species[1,2]	Varied activities such as analgesic and anti-inflammatory effects[1,2]	NA	
5	(4*R*, 6*S*)-6-Hydroxy-*p*-menth-1-en-3-one	*C. elatior*[3]	Moderate inhibitory effect on human dihydroorotate dehydrogenase[3]	NA	
6	(3*R*,4*R*,6*S*)-3,6-Dihydroxy-*p*-menth-1-en	*C. elatior*[3]	NA	NA	

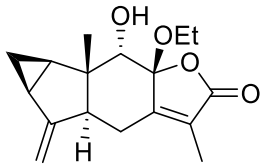
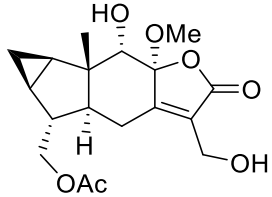
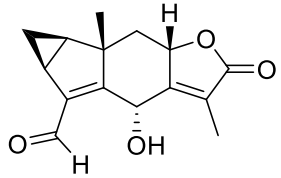
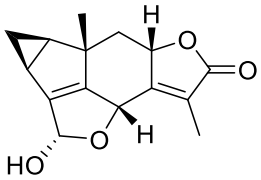
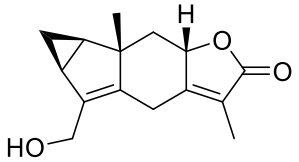
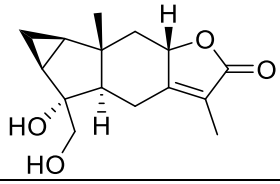
7	Olibanumol C	*C. japonicus*[4]	NA	NA	
8	Loliolide	*C. japonicus*[5]	NA	NA	
9	28-Hydroxyolean-12-ene-3,11-dione	*C. henryi*[6]	NA	NA	
10	Lupeol	*S. glabra*[7]	NA	NA	
11	24-Hydroxylupeol	*S. glabra*[7]	NA	NA	

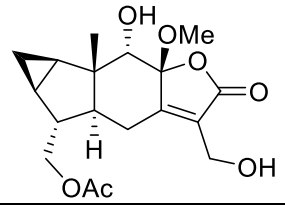
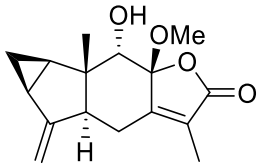
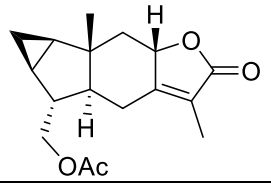
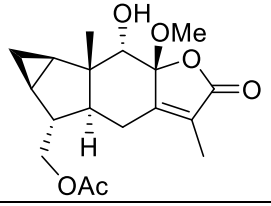
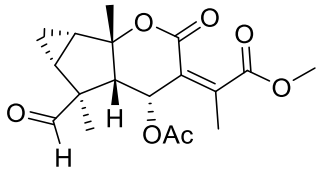
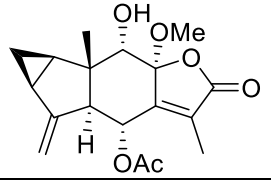
12	Sarcandroside A	*S. glabra*[8]	NA	NA	
13	Sarcandroside B	*S. glabra*[8]	NA	NA	
II. Sesquiterpenoids (14–288) **II-a. Lindenane-type sesquiterpenoids (14–69)**					
14	Shizukanolide	*C. japonicus*[9]	Antitumor effect[10] Hela IC_{50} 17.2 μg/mL K562 IC_{50} 21.6 μg/mL	Synthesized from Hajos–Wiechert ketone (**R12**),[11] Simmons–Smith cyclopropanation, Scheme 5	
15	Isoshizukanolide	*C. japonicus*[12]	NA	NA	

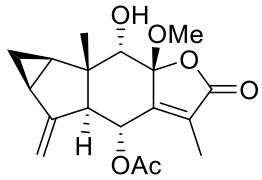
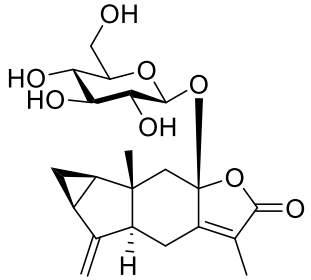
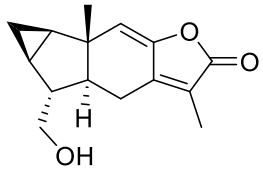
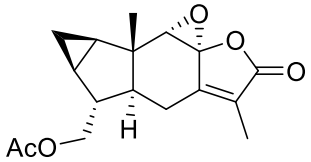
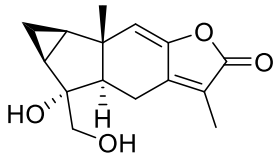
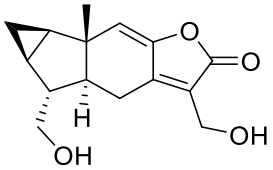
16	Yinxiancaoside A Sarcaglaboside G[#]	*C. japonicus*[13] *S. glabra*[14#]	NA	NA	
17	Chloranoside A	*C. japonicus*[15]	Hepatoprotective effect[16]	NA	
18	Chloranoside B	*C. glaber*[17]	NA	NA	
19	Chloranthalactone A	*C. japonicus*[15]	a. Antitumor effect[15] L-5178Y IC_{50} 2.5 μg/mL b. NF-κB inhibitory effect[18] IC_{50} 2.84 ± 0.69 μM	a. Synthesized from Hagemann's ester (*rac*-**R1**),[19,20] racemic synthesis, Hodgon's conditions, Scheme 4 b. Synthesized from Hajos–Wiechert ketone (**R12**),[11] Simmons–Smith cyclopropanation, Scheme 5 c. Synthesized from (+)-verbenone (**R20**),[21]diazo-derived carbenoid d. Synthesized from Wieland–Miescher	

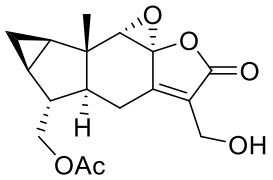
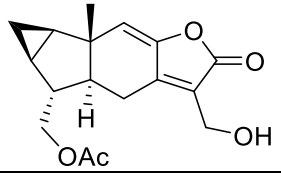
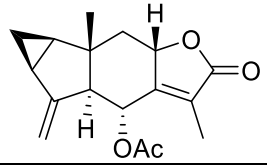
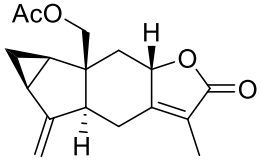
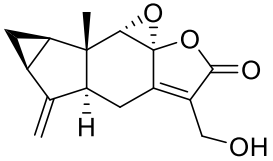
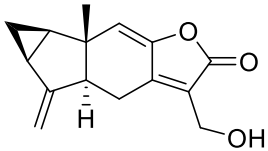
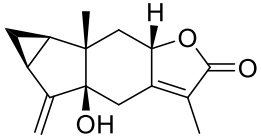
				ketone (**R29**),[22] S_N2-type intramolecular nucleophilic substitution, Scheme 9	
20	Chloranthalactone B	*C. japonicus*[15]	a. Antitumor effect[15] L-5178Y IC_{50} 1.0–2.5 μg/mL b. Anti-inflammatory effect[23]	Synthesized from (±)-chloranthalactone A (*rac*-**19**) or (±)-shizukanolide E (*rac*-**47**),[19,20] racemic synthesis, epoxidation, Scheme 4	
21	Chloranthalactone C	*C. japonicus*[15]	Antitumor effect[15] L-5178Y IC_{50} 20 μg/mL	NA	
22	Chloranthalactone E	*C. japonicus*[15]	NA	NA	
23	Chloranthalactone F Revised as Chloranthalactone A photodimer (**486**)[24]	*C. glaber*[25]	NA	a. Synthesized from (±)-chloranthalactone A (*rac*-**19**),[19,20] racemic synthesis, [2 + 2] photodimerization, Scheme 4 b. Synthesized from chloranthalactone A (**19**),[11] [2 + 2] photodimerization, Scheme 5	
24	Chloranthalactone G	*S. glabra*[26]	NA	NA	

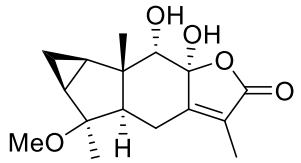
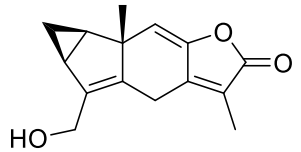
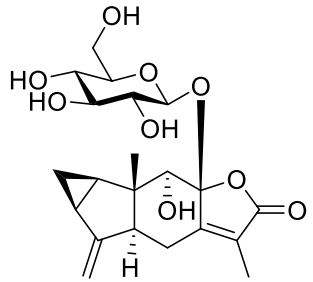
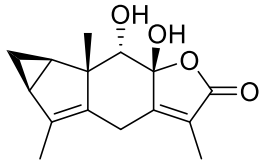
25	9-Hydroxy heterogorgiolide The configuration of C-8 was revised[5]	*C. japonicus*[27]	NA	Synthesized from (±)-chloranthalactone B (*rac*-**20**)[19,20] racemic synthesis, hydrolysis, Scheme 4	
26	Chlojaponilactone B	*C. japonicus*[28]	Anti-inflammatory effect[29]	NA	
27	Chlojaponilactone C	*C. japonicus*[28]	NA	NA	
28	Chlojaponilactone D	*C. japonicus*[28]	NA	NA	
29	Chlojaponilactone F	*C. japonicus*[30]	NA	NA	
30	Chlojaponilactone G	*C. japonicus*[30]	Antifungal effect[30]	NA	

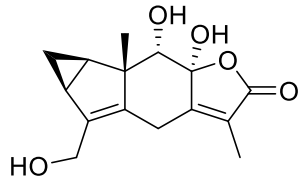
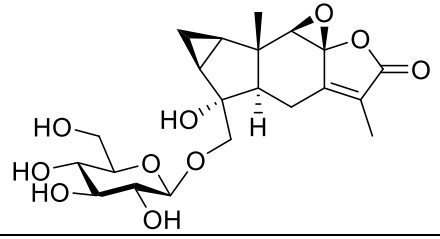
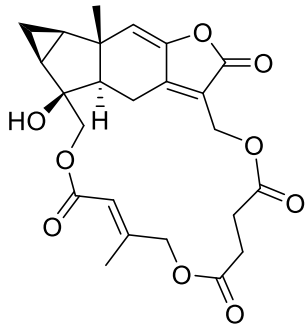
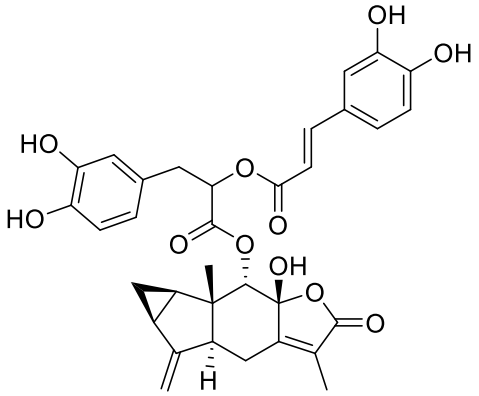
31	Chlojaponilactone H	*C. japonicus*[30]	NA	NA	
32	Chlojaponilactone I	*C. japonicus*[30]	NA	NA	
33	Chlorajapolide A	*C. japonicus*[31]	NA	NA	
34	Chlorajapolide B	*C. japonicus*[31]	NA	NA	
35	Chlorajapolide C	*C. japonicus*[31]	NA	NA	
36	Chlorajapolide D	*C. japonicus*[31]	NA	NA	

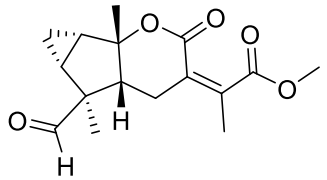
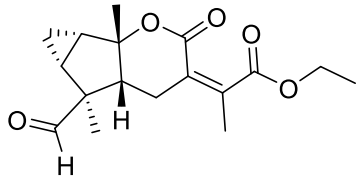
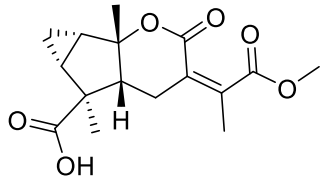
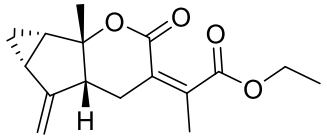
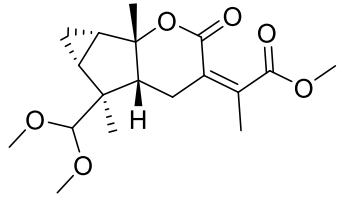
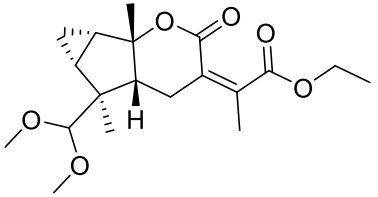
37	Chlorajapolide E	*C. japonicus*[31]	NA	NA	
38	Chlorajapolide F	*C. japonicus*[5]	NA	NA	
39	Chlorajapolide G Chlojaponilactone E[#]	*C. japonicus*[5] *C. japonicus*[28#]	NA	NA	
40	Chlorajapolide H	*C. japonicus*[5]	NA	NA	
41	Chlorajapolide J	*C. japonicus*[32]	NA	NA	
42	Chlorajapolide K	*C. japonicus*[32]	NA	NA	

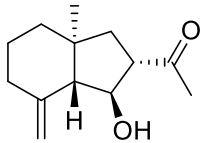
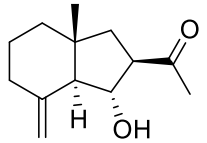
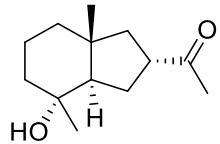
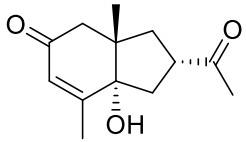
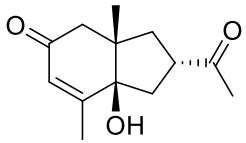
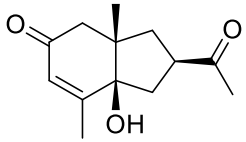
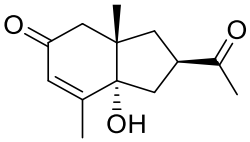
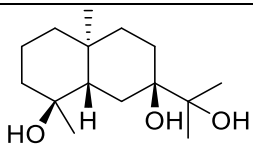
43	Chlorajapolide L	*C. japonicus*[32]	Antimetastatic effect against HepG2[32]	NA	
44	Chlorajaposide	*C. japonicus*[31]	NA	NA	
45	Shizukanolide C	*C. japonicus*[33]	NA	NA	
46	Shizukanolide D	*C. japonicus*[34]	NA	NA	
47	Shizukanolide E	*C. serratus*[34]	NA	Synthesized from Hagemann's ester (*rac*-**R1**),[19,20] racemic synthesis, Hodgon's conditions, Scheme 4	
48	Shizukanolide F	*C. serratus*[34]	NA	NA	

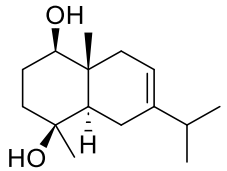
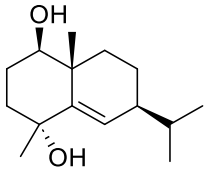
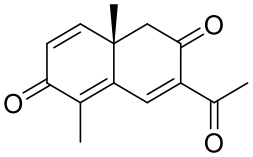
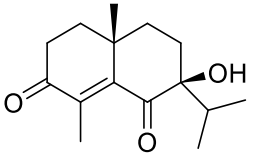
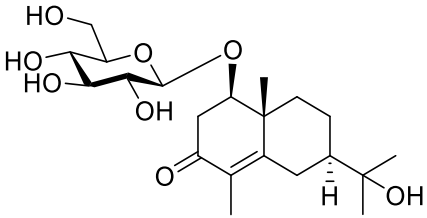
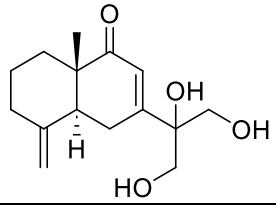
49	Shizukanolide G	*C. fortunei*[35]	NA	NA	
50	Shizukanolide H	*C. fortunei*[35]	Neuroprotective effect[36] EC_{50} 3.3 ± 0.9 μM	NA	
51	Lindenanolide H	*C. holostegius*[37]	NA	NA	
52	14-Acetylshizukanolide	*C. anhuiensis*[36]	NA	NA	
53	Oxyonoseriolide	*H. angustifolium*[38]	Anti-leishmanial effect[38]	NA	
54	Onoseriolide	*H. brasiliense*[39]	a. Antinociception effect[39] b. Anti-leishmanial effect[38] c. Antitumor effect[40]	Synthesized from (+)-verbenone (**R20**),[41,42] diazo-derived carbenoid, Scheme 7	
55	Sarcandralactone A	*S. glabra*[43]	NA	a. Synthesized from Hajos–Wiechert ketone (**R12**),[44] Simmons–Smith cyclopropanation, Scheme 6 b. Synthesized from	

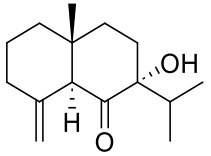
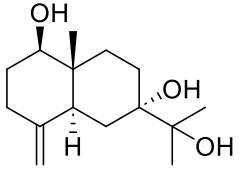
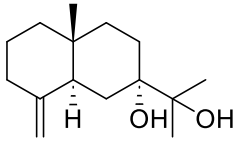
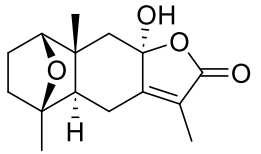
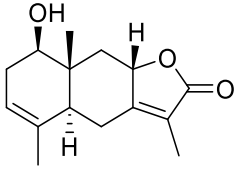
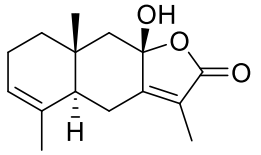
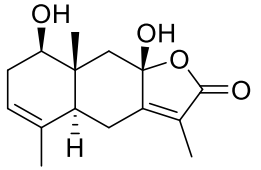
				1,3-cyclohexanedione enol ether (**R14**),[45] racemic synthesis, RCM and Simmons–Smith cyclopropanation, Scheme 6 c. Synthesized from iso-Hajos–Parrish ketone (**R15**),[46] three-step approach to construct **R15**, Scheme 6	
56	Sarcandralactone C	*S. glabra*[47]	NA	NA	
57	Sarcandralactone D	*S. glabra*[47]	NA	NA	
58	Chloranthalactone E 8-*O*-β-D-glucopyranoside	*C. spicatus*[16]	Hepatoprotective effect[16]	NA	
59	8β,9α-Dihydroxylindan-4(5),7(11)-dien-8α,12-olide	*S. glabra*[48]	NA	NA	

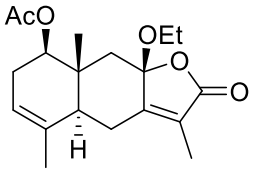
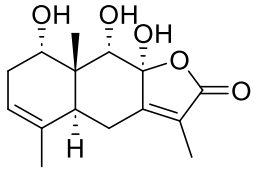
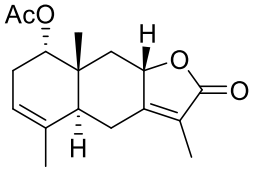
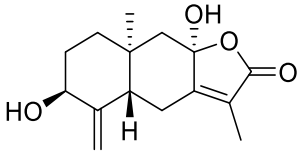
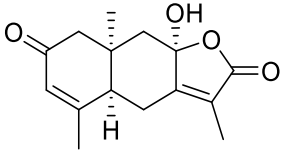
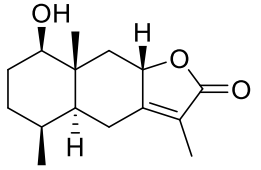
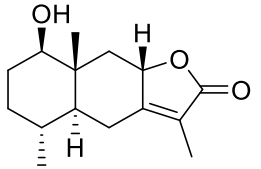
60	Glabranol A	*S. glabra*[49]	NA	NA	
61	Sarcaglaboside F	*S. glabra*[14]	NA	NA	
62	Chlorafortulide	*C. fortunei*[50]	NA	NA	
63	Rosmarylchloranthalactone E	*C. japonicus*[51]	Phosphodiesterase-4 inhibitory effect[51] IC_{50} 0.96 ± 0.04 μM	NA	

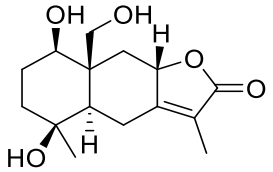
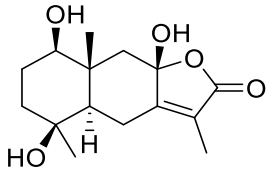
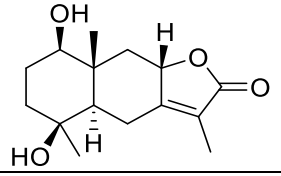
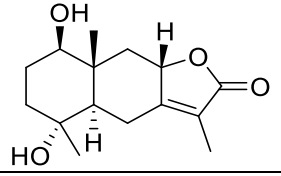
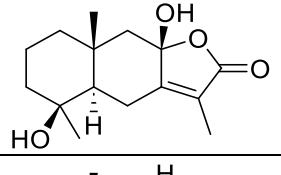
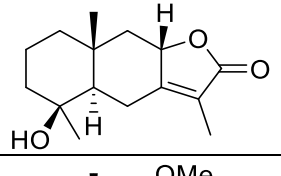
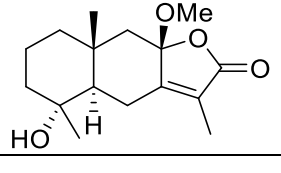
64	Chloranerectuslactone V	*C. erectus*[52]	NA	NA	
65	Sarglalactone I	*S. glabra*[53]	NA	NA	
66	Sarglalactone J	*S. glabra*[53]	NA	NA	
67	Sarglalactone K	*S. glabra*[53]	NA	NA	
68	Sarglalactone L	*S. glabra*[53]	NA	NA	
69	Sarglalactone M	*S. glabra*[53]	NA	NA	
II-b. Eudesmane-type sesquiterpenoids (70–177)					

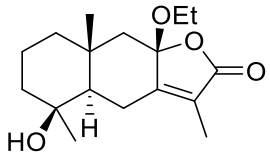
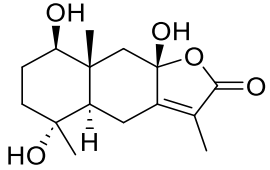
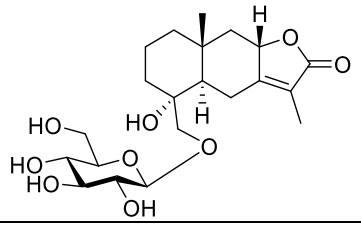
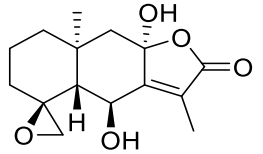
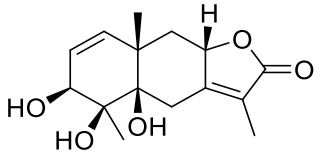
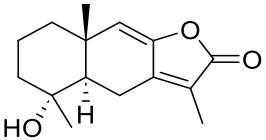
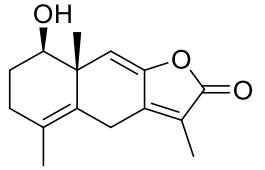
70	Multisin F	*C. multistachys*[54]	NA	NA	
71	Multistalin A	*C. multistachys*[55]	NA	NA	
72	Multistalin B	*C. multistachys*[55]	NA	NA	
73	Chloranthone A	*C. elatior*[56]	NA	NA	
74	Chloranthone B	*C. elatior*[56]	NA	NA	
75	Chloranthone C	*C. elatior*[56]	NA	NA	
76	Chloranthone D	*C. elatior*[56]	NA	NA	
77	4*β*,7*β*,11-Enantioeudesmantriol	*C. angustifolius*[57]	NA	NA	

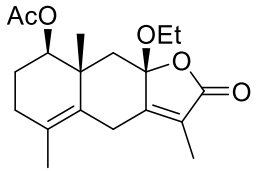
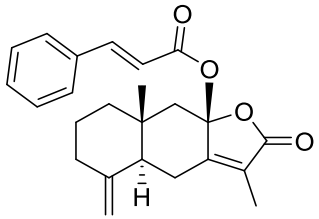
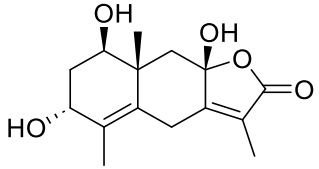
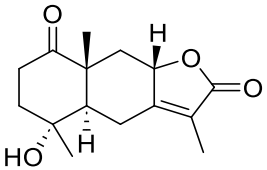
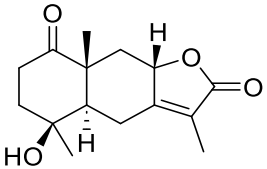
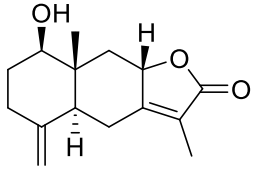
78	Oplodiol	*C. spicatus*[58]	NA	NA	
79	5-Eudesmene-1β,4α-diol	*C. spicatus*[59]	NA	NA	
80	Linderaggredin D	*S. glabra*[60]	Anti-inflammatory effect[60] IC_{50} 11.5 ± 0.3 μM	NA	
81	(7*S*,10*S*)-7-Hydroxyeudesm-4-ene-3,6-dione	*C. anhuiensis*[36]	NA	NA	
82	Anhuienoside A	*C. anhuiensis*[61]	NA	NA	
83	11,12,13-Trihydroxyeudesma-4(15),8-dien-9-one	*C. henryi*[62]	NA	NA	

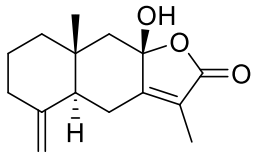
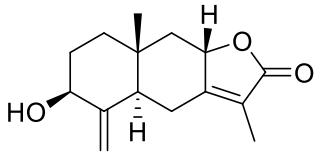
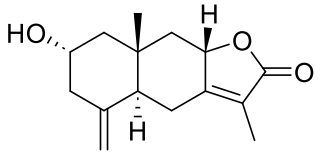
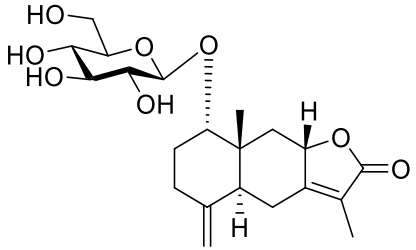
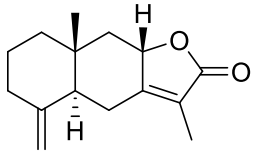
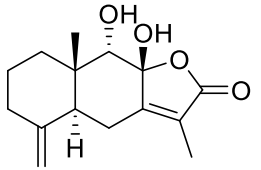
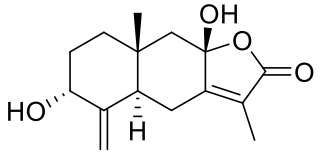
84	Chlorantene G	*C. anhuiensis*[36]	Moderate activity against *Helicobacter pylori*-SS1 MIC of 25–50 μg/mL[63]	NA	
85	4(15)-Eudesmene-1β,7α,11-triol	*C. serratus*[64]	NA	NA	
86	Eudesm-4(15)-ene-7α,11-diol	*C. henryi*[65]	NA	NA	
87	Sarglanoid D The name is repeated for two different compounds[60,66]	*S. glabra*[60]	NA	NA	
88	Serralactone A Sarcandralactone B[#]	*C. serratus*[64] *S. glabra*[43#]	Antitumor effect via down-regulation of LIMK1 activation[67]	NA	
89	Chlojaponilactone A	*C. japonicus*[68]	NA	NA	
90	1β,8β-Dihydroxyeudesman-3,7(11)-dien-8α,12-olide	*C. multistachys*[56]	NA	NA	

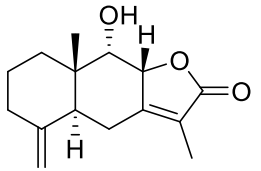
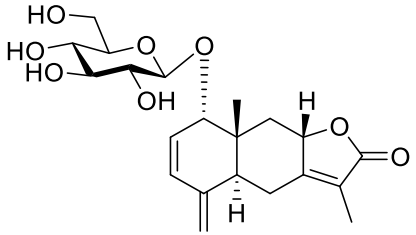
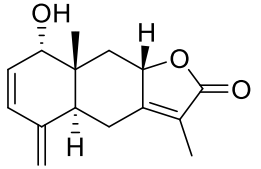
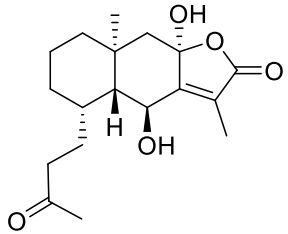
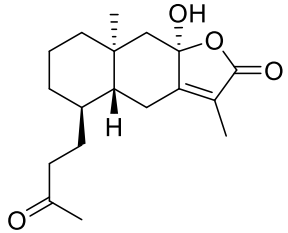
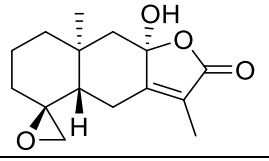
91	Sarglanoid E The name is repeated for two different compounds[60,66]	*S. glabra*[66]	NA	NA	
92	1α,8α,9α-Trihydroxyeudesman-3(4),7(11)-dien-8β,12-olide	*S. glabra*[69]	NA	NA	
93	1α-Acetoxyeudesma-3,7(11)-dien-8,12-olide	*H. brasiliense*[70]	NA	NA	
94	*ent*-(3*R*)-3-Hydroxyatractylenolide III	*C. multistachys*[71]	NA	NA	
95	Chlorantholide G	*C. elatior*[3]	NA	NA	
96	Chlospicate A	*C. spicatus*[59]	NA	NA	
97	Chlospicate B	*C. spicatus*[59]	NA	NA	

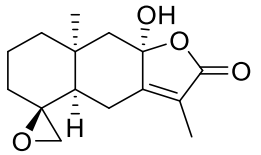
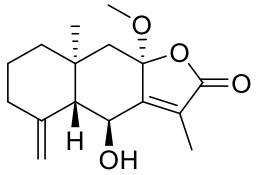
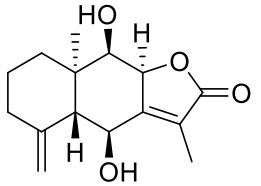
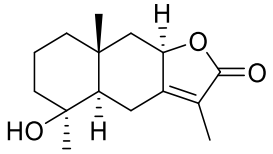
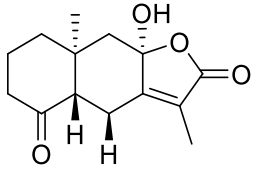
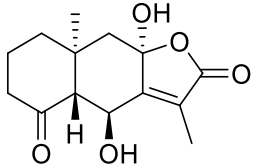
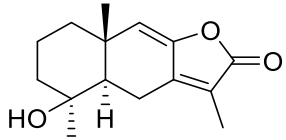
98	Serralactone B	*C. serratus*[64]	NA	NA	
99	Serralactone C	*C. serratus*[64]	NA	NA	
100	1*β*,4*β*-Dihydroxy-5*α*,8*β*(H)-eudesm-7(11)*Z*-en-8,12-olide	*C. spicatus*[58]	NA	NA	
101	1*β*,4*α*-Dihydroxy-5*α*,8*β*(H)-eudesm-7(11)*Z*-en-8,12-olide	*C. spicatus*[58]	NA	NA	
102	4*β*,8*β*-Dihydroxy-5*α*(H)-7(11)-eudesm-en-8,12-olide	*C. serratus*[72]	NA	NA	
103	4*β*-Hydroxy-5*α*,8*β*(H)-7(11)-eudesm-en-8,12-olide	*C. serratus*[72]	NA	NA	
104	4*α*-Hydroxy-5*α*(H)-8*β*-methoxy-eudesm-7(11)-en-12,8-olide	*C. spicatus*[73]	NA	NA	

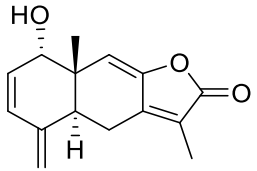
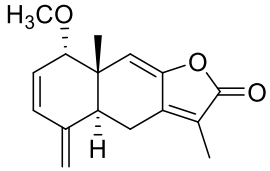
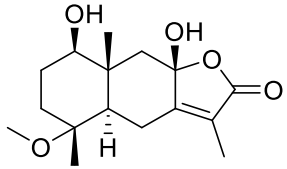
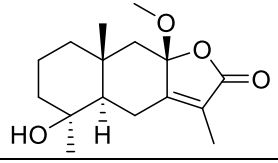
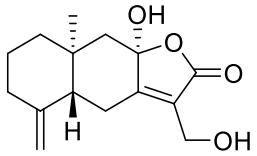
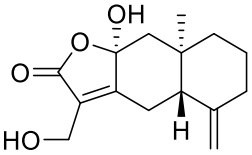
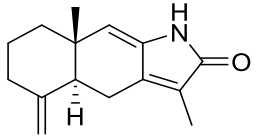
105	Chlorajapolide I	*C. japonicus*[5]	NA	NA	
106	Chloraeudolide	*C. japonicus*[31]	NA	NA	
107	Sarcaglaboside H	*S. glabra*[14]	NA	NA	
108	Multistalactone A	*C. multistachys*[71]	NA	NA	
109	Serralactone D	*C. serratus*[64]	NA	NA	
110	Shizukolidol	*C. japonicus*[74]	NA	NA	
111	Sarglanoid C The name is repeated for two different compounds[60,66]	*S. glabra*[66]	Anti-inflammatory effect[66]	NA	

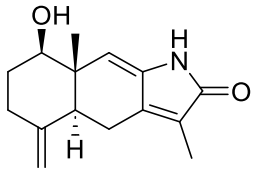
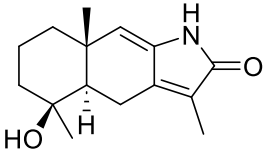
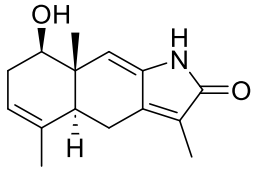
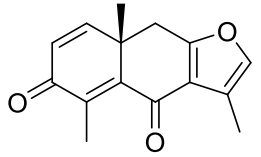
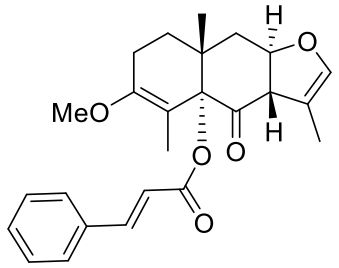
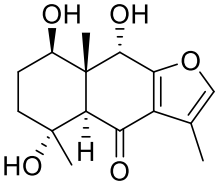
112	Sarglanoid D The name is repeated for two different compounds[60,66]	*S. glabra*[66]	NA	NA	
113	8β-Cinnamoyloxy-eudesma-4(15),7(11)-dien-12,8-olide	*C. japonicus*[75]	NA	NA	
114	Chlorajapotriol	*C. japonicus*[76]	NA	NA	
115	Multistalactone C	*C. multistachys*[71]	NA	NA	
116	Multistalactone B	*C. multistachys*[71]	NA	NA	
117	Neolitacumone B	*C. serratus*[64]	NA	NA	

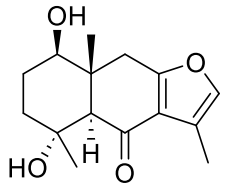
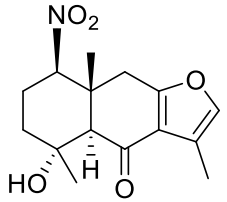
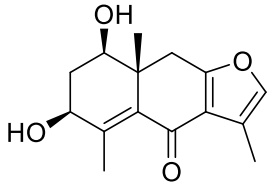
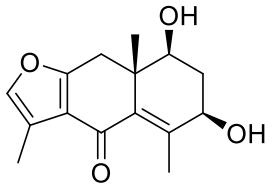
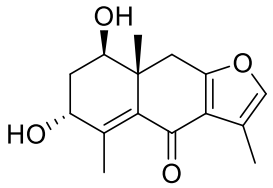
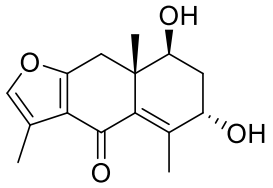
118	Codonolactone[77] Atractylenolide III[#]	*Codonopsis pilosula*[77] *C. henryi*[78#]	Antitumor effect by downregulating the transcriptional activity of Runx2[79]	NA	
119	3β-Hydroxyeudesma-4(15),7(11)-dien-8α,12-olide	*S. glabra*[60]	NA	NA	
120	2α-Hydroxyeudesma-4(15),7(11)-dien-8α,12-olide	*S. glabra*[80]	NA	NA	
121	Sarcaglaboside A	*S. glabra*[16]	Hepatoprotective effect[16]	NA	
122	Atractylenolide II	*C. glaber*[25]	NA	NA	
123	8β,9α-Dihydroxyeudesman-4(15),7(11)-dien-8α,12-olide	*S. glabra*[48]	NA	NA	
124	(3*R*)-3-Hydroxyatractylenolide III	*C. anhuiensis*[81]	NA	NA	

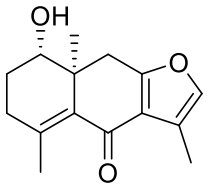
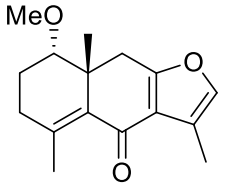
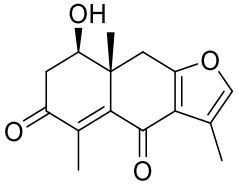
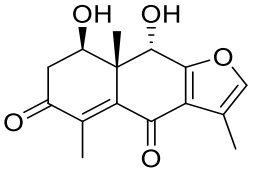
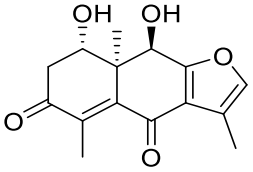
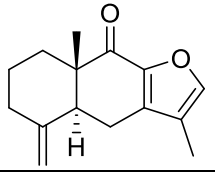
125	9α-Hydroxyasterolide	*H. orientale*[82]	Antitumor effect[82] A549 IC_{50} 3.1 μM HL-60 IC_{50} 8.8 μM	NA	
126	Sarcaglaboside B	*S. glabra*[16]	Hepatoprotective effect[16]	NA	
127	Sarcandralactone E	*S. glabra*[47]	NA	NA	
128	Chlorahupetolide A	*C. henryi var. hupehensis*[83]	NA	NA	
129	Chlorahupetolide B	*C. henryi var. hupehensis*[83]	NA	NA	
130	Chlorahupetolide C	*C. henryi var. hupehensis*[83]	NA	NA	

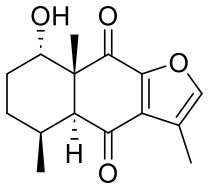
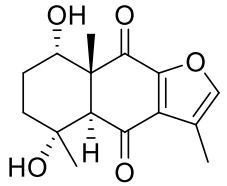
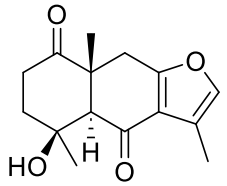
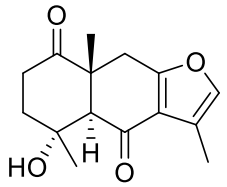
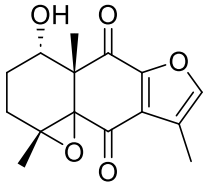
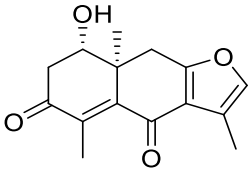
131	Chlorahupetolide D	*C. henryi var. hupehensis*[83]	NA	NA	
132	Chlorahupetolide E	*C. henryi var. hupehensis*[83]	NA	NA	
133	Chlorahupetolide F	*C. henryi var. hupehensis*[83]	NA	NA	
134	Chlorahupetolide G	*C. henryi var. hupehensis*[83]	NA	NA	
135	Chlorahupetolide H	*C. henryi var. hupehensis*[83]	NA	NA	
136	Chlorahupetolide I	*C. henryi var. hupehensis*[83]	NA	NA	
137	Chlorahupetolide J	*C. henryi var. hupehensis*[83]	NA	NA	

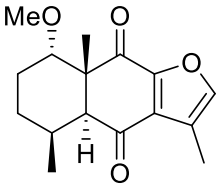
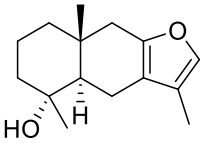
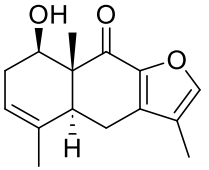
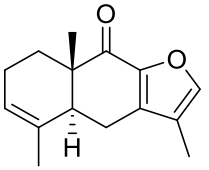
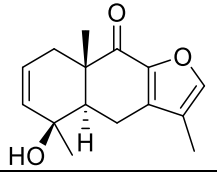
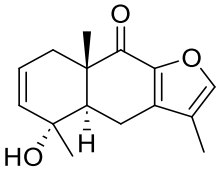
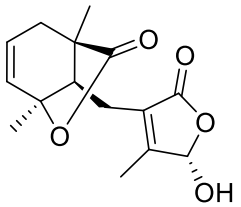
138	Chlorahupetolide K	*C. henryi var. hupehensis*[83]	NA	NA	
139	Chlorahupetolide L	*C. henryi var. hupehensis*[83]	Anti-inflammatory effect[83]	NA	
140	Chlorahupetolide M	*C. henryi var. hupehensis*[83]	NA	NA	
141	Chlorahupetolide N	*C. henryi var. hupehensis*[83]	NA	NA	
142	(+)-Chlorahupetolide O	*C. henryi var. hupehensis*[83]	NA	NA	
143	(−)-Chlorahupetolide O	*C. henryi var. hupehensis*[83]	NA	NA	
144	Atractylenolactam	*C. fortunei*[84]	NA	NA	

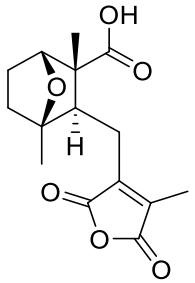
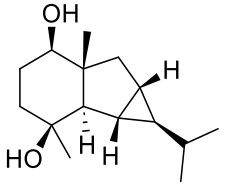
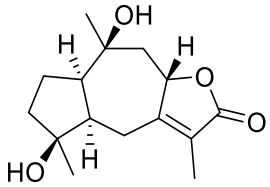
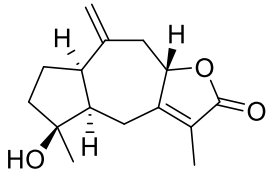
145	Sarglanoid B	*S. glabra*[66]	NA	NA	
146	Chlomultiol D	*C. multistachys*[85]	NA	NA	
147	Sarglanoid A	*S. glabra*[66]	NA	NA	
148	Chlorantene J	*C. anhuiensis*[36]	NA	NA	
149	5α-Cinnamoyloxy-8,12-epoxy-3-methoxy-7β,8αH-eudesma-3,11-dien-6-one	*C. japonicus*[75]	NA	NA	
150	9α-Hydroxycurcolonol	*C. angustifolius*[86]	NA	NA	

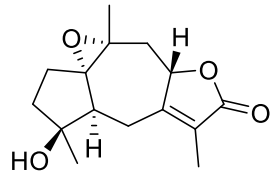
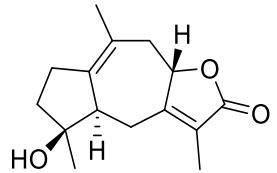
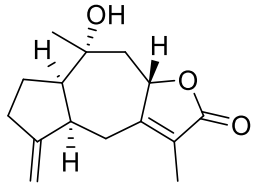
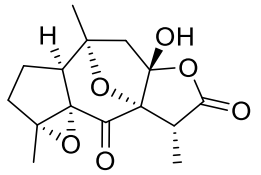
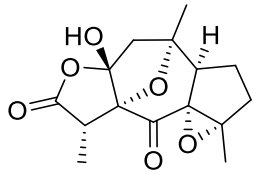
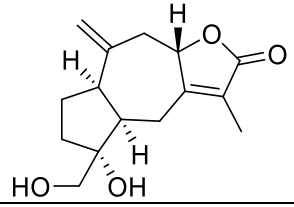
151	Curcolonol	*C. angustifolius*[86]	Antitumor effect[87,88]	NA	
152	Chlorantene B	*C. serratus*[63]	NA	NA	
153	(+)-Chlorantene M	*C. multistachys*[89]	NA	NA	
154	(−)-Chlorantene M	*C. multistachys*[89]	NA	NA	
155	(+)-Chlorantene M1	*C. multistachys*[89]	NA	NA	
156	(−)-Chlorantene M1	*C. multistachys*[89]	NA	NA	

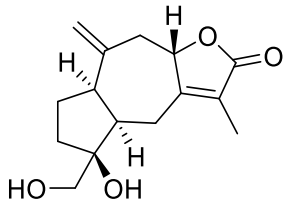
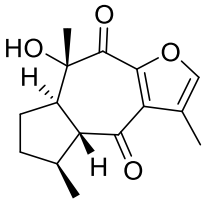
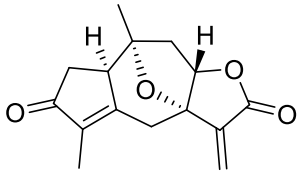
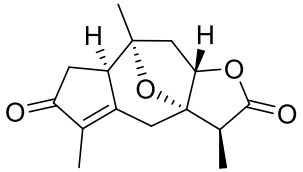
157	Curcolone	*C. henryi*[65]	NA	NA	
158	1α-Methoxy-8,12-epoxyeudesma-4,7,11-trien-6-one	*C. henryi*[62]	NA	NA	
159	Chlorantene D	*C. serratus*[63]	Moderate activity against *Helicobacter pylori*-SS1 MIC of 25–50 μg/mL[63]	NA	
160	Chlomultiol H	*C. multistachys*[85]	NA	NA	
161	Chlomultiol I	*C. multistachys*[85]	NA	NA	
162	(5*S*,10*S*)-9-Oxo-atractylon	*C. anhuiensis*[36]	NA	NA	

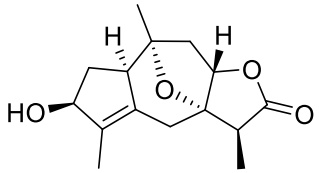
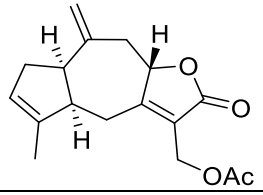
163	8,12-Epoxy-1α-hydroxy-4αH,5αH-eudesma-7,11-diene-6,9-dione	*C. anhuiensis*[36]	NA	NA	
164	6,9-Dioxo-1α,4α-dihydroxy-furanoeremophilane	*C. multistachys*[90]	NA	NA	
165	Chlorantene C	*C. serratus*[63]	NA	NA	
166	4α-Hydroxy-8,12-epoxyeudesma-7,11-diene-1,6-dione	*C. anhuiensis*[36]	NA	NA	
167	4α,5α-Epoxy-6,9-dioxo-1α-hydroxyl-furanoeremophilane	*C. multistachys*[90]	NA	NA	
168	1α-Hydroxy-8,12-epoxyeudesma-4,7,11-triene-3,6-dione	*C. henryi*[65]	NA	NA	

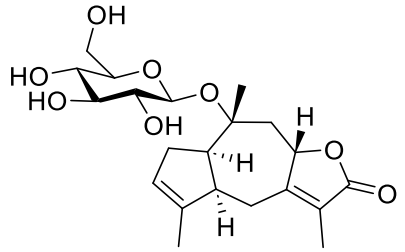
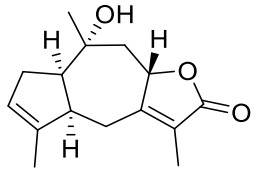
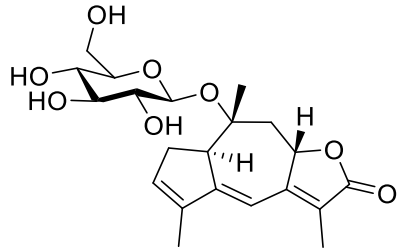
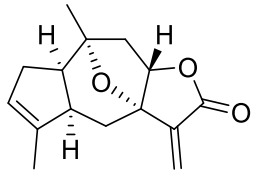
169	8,12-Epoxy-1α-methoxy-4αH,5αH-eudesma-7,11-dien-6,9-dione	*C. japonicus*[75]	NA	NA	
170	Shizukafuranol	*C. japonicus*[74]	NA	NA	
171	8,12-Epoxy-1β-hydroxyeudesm-3,7,11-trien-9-one	*C. japonicus*[4]	NA	NA	
172	CJ-01	*C. japonicus*[91]	Antifungal effect[91]	NA	
173	Chlojaponol A	*C. japonicus*[30]	NA	NA	
174	Chlojaponol B	*C. japonicus*[30]	NA	NA	
175	Chlorajapodiolide	*C. japonicus*[76]	NA	NA	

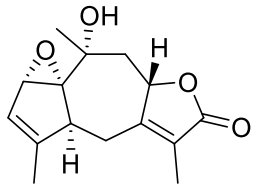
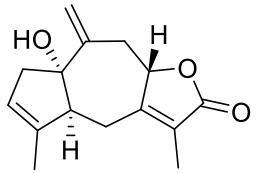
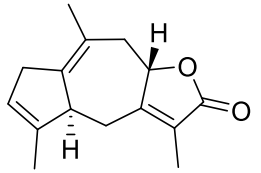
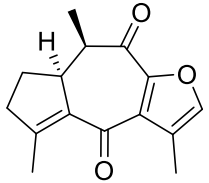
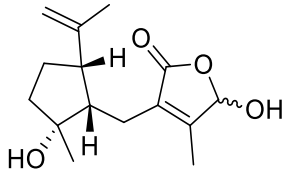
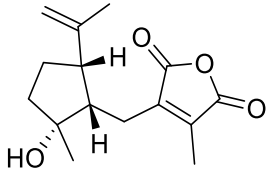
176	Sarglanoid E The name is repeated for two different compounds[60,66]	*S. glabra*[60]	NA	NA	
177	5α,7α(H)-6,8-Cycloeudesma-1β,4β-diol	*C. spicatus*[58]	NA	NA	
II-c. Guaiane-type sesquiterpenoids (178–204)					
178	(+)-Zedoalactone A	*C. multistachys*[71]	NA	a. Synthesized from (3a*S*,7a*R*,8*R*,9a*S*)-7a,8,9,9a-Tetrahydro-5,8-dimethyl-4*H*-3a,8-epoxyazuleno[6,5-*b*]furan-2,6(3*H*,7*H*)-dione,[92] organocatalytic [4 + 3] cycloaddition reaction b. Synthesized from santonin,[93] photochemical rearrangement	
179	Multistalactone E	*C. multistachys*[71]	NA	NA	

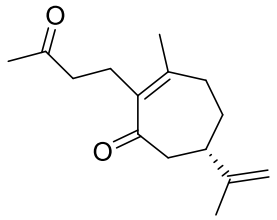
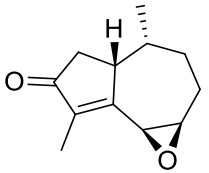
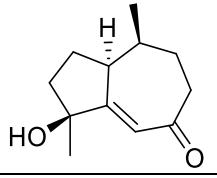
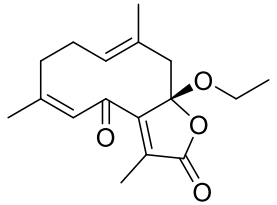
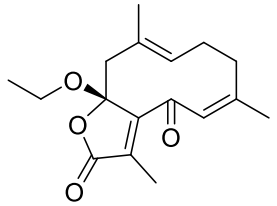
180	Multistalactone F	*C. multistachys*[71]	NA	NA	
181	Multistalactone D Chlospicate C[#]	*C. multistachys*[71] *C. spicatus*[59#]	NA	NA	
182	Chlospicate D	*C. spicatus*[59]	NA	NA	
183	Chlohenriol B	*C. henryi*[94]	Moderate neuroprotective effect[94]	NA	
184	Chlohenriol C	*C. henryi*[94]	Moderate neuroprotective effect[94]	NA	
185	Chlomultiol E	*C. multistachys*[85]	NA	NA	

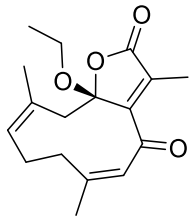
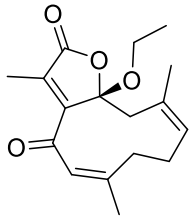
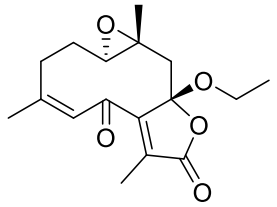
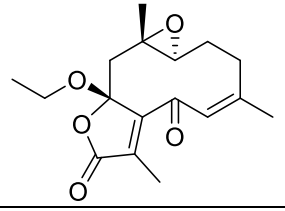
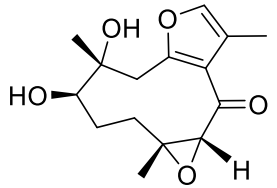
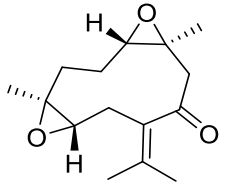
186	Chlomultiol F	*C. multistachys*[85]	NA	NA	
187	Chlomultiol G	*C. multistachys*[85]	NA	NA	
188	Hedyosumin A	*H. orientale*[82]	NA	a. Synthesized in 14 steps with 3.3% overall yield,[95] enantioselective Diels–Alder reaction and intermolecular Pt-catalyzed [3 + 2] cycloaddition reaction b. Synthesized in 13 steps with 6.1% overall yield,[96] organocatalytic [4 + 3] cycloaddition reaction c. Synthesized in 6 steps with 13.3% overall[97] visible-light-induced direct C(sp^3)–H hydroxylation of enones, Scheme 14	
189	Hedyosumin B The configuration of C-11 was revised[97]	*H. orientale*[82]	NA	a. Synthesized in 15 steps with 3.2% overall yield,[95] enantioselective Diels–Alder reaction and intermolecular Pt-catalyzed [3 + 2] cycloaddition reaction	

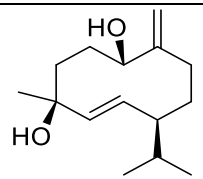
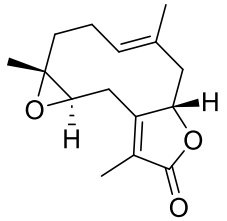
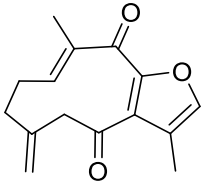
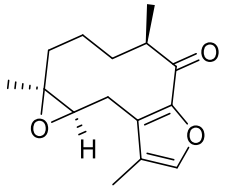
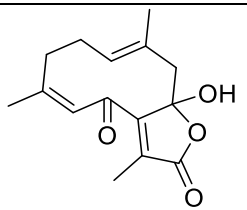
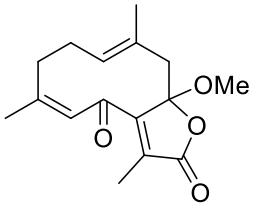
				b. Synthesized in 14 steps with 4.8% overall yield,[96] organocatalytic [4 + 3] cycloaddition reaction c. Synthesized in 4 steps with 16.9% overall[97] visible-light-induced direct C(sp^3)–H hydroxylation of enones, Scheme 14	
190	Hedyosumin C The configuration of C-11 was revised[97]	*H. orientale*[82]	NA	a. Synthesized in 14 steps with 3.5% overall yield,[95] enantioselective Diels–Alder reaction and intermolecular Pt-catalyzed [3 + 2] cycloaddition reaction b. Synthesized in 13 steps with 6.2% overall yield,[96] organocatalytic [4 + 3] cycloaddition reaction c. Synthesized in 4 steps with 16.1% overall[97] visible-light-induced direct C(sp^3)–H hydroxylation of enones, Scheme 14	
191	Hedyosumin D	*H. orientale*[82]	NA	NA	

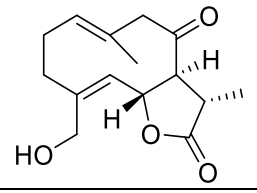
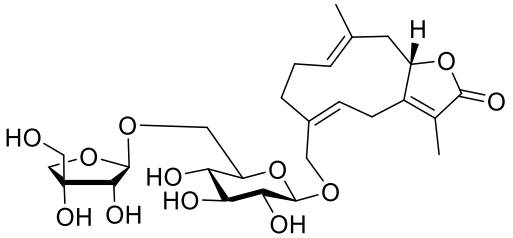
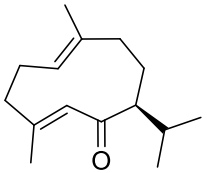
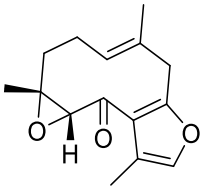
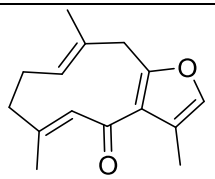
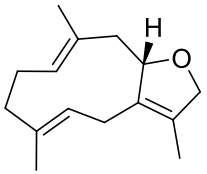
192	Hedyosumin E	*H. orientale*[82]	NA	NA	
193	Hedyosumin E aglycon	*H. orientale*[82]	NA	Synthesized from (3a*S*,7a*R*,8*R*,9a*S*)-7a,8,9,9a-Tetrahydro-5,8-dimethyl-4*H*-3a,8-epoxyazuleno[6,5-*b*]furan-2,6(3*H*,7*H*)-dione,[92] organocatalytic [4 + 3] cycloaddition reaction	
194	Hedyosumin F	*H. orientale*[98]	NA	NA	
195	7,10-Epoxyhedyosminolide	*H. arborescens*[99]	NA	Synthesized from (3a*S*,7a*R*,8*R*,9a*S*)-7a,8,9,9a-Tetrahydro-5,8-dimethyl-4*H*-3a,8-epoxyazuleno[6,5-*b*]furan-2,6(3*H*,7*H*)-dione,[92] organocatalytic [4 + 3] cycloaddition reaction	

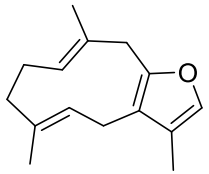
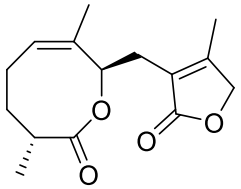
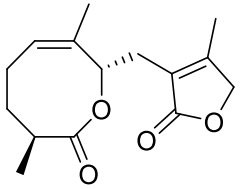
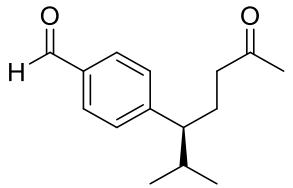
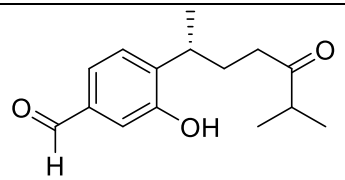
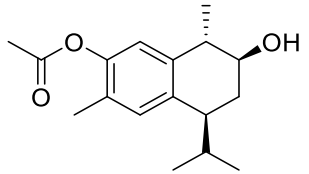
196	1,2-Epoxy-10α-hydroxy-podoandin	*H. brasiliense*[100]	NA	NA	
197	1-Hydroxy-10(15)-methylenepodoandin	*H. brasiliense*[100]	NA	NA	
198	Podoandin	*H. brasiliense*[101]	Antidepressant-like effect[101]	NA	
199	Chlomultin A	*C. multistachys*[102]	NA	NA	
200	Chloraniolide A	*C. anhuiensis*[81]	NA	NA	
201	12-Oxochloraniolide A	*C. henryi*[103]	NA	NA	

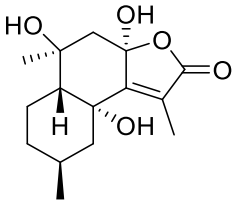
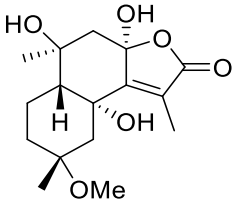
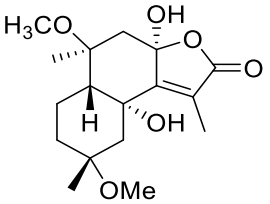
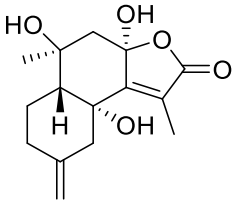
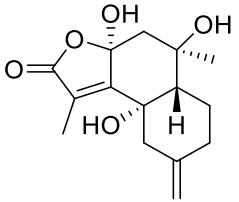
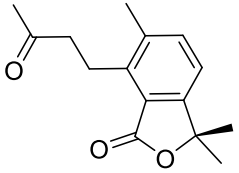
202	(7*S*,1(10)Z)-4,5-Secoguaia-1(10),11-diene-4,5-dione	*C. henryi*[103]	NA	NA	
203	Multisin D	*C. multistachys*[54]	NA	NA	
204	Multisin E	*C. multistachys*[54]	NA	NA	
II-d. Germacrane-type sesquiterpenoids (205–227)					
205	(+)-Chlogermacrone A	*C. henryi*[104]	NA	NA	
206	(−)-Chlogermacrone A	*C. henryi*[104]	NA	NA	

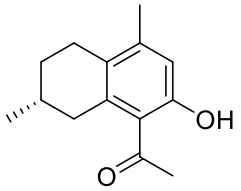
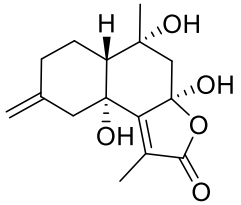
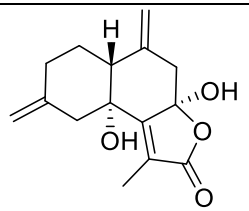
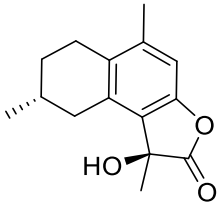
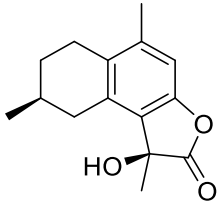
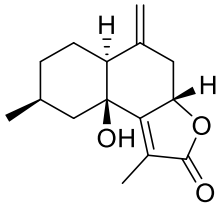
207	(+)-Chlogermacrone B	*C. henryi*[104]	NA	NA	
208	(−)-Chlogermacrone B	*C. henryi*[104]	NA	NA	
209	(+)-Chlogermacrone C	*C. henryi*[104]	Neuroprotective effect[104]	NA	
210	(−)-Chlogermacrone C	*C. henryi*[104]	Neuroprotective effect[104]	NA	
211	Curcuzederone	*C. anhuiensis*[36]	Neuroprotective effect[104]	NA	
212	(1*S*,4*S*,5*S*,10*S*)-1,10:4,5-Diepoxygermacrone	*C. henryi*[103]	NA	NA	

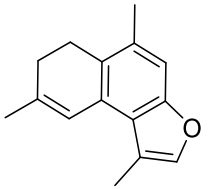
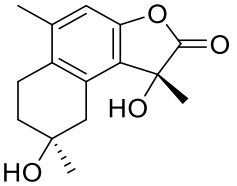
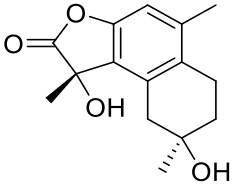
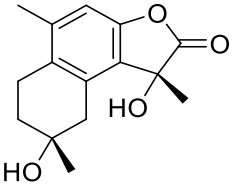
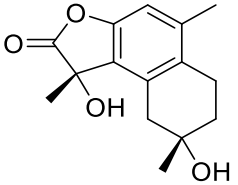
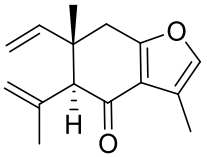
213	Germacra-5*E*,10(14)-dien-1β,4β-diol	*C. spicatus*[59]	NA	NA	
214	4α,5α-Epoxy-1(10),7(11)-dienegermacr-8α,12-olide	*C. spicatus*[59]	NA	NA	
215	Chlorantene E	*C. serratus*[63]	Moderate activity against *Helicobacter pylori*-SS1 MIC of 25–50 μg/mL[63]	NA	
216	Chloranthatone	*C. fortunei*[84]	NA	NA	
217	(1*E*,4Z)-8-Hydroxy-6-oxogermacra-1(10),4,7(11)-trieno-12,8-lactone	*C. henryi*[62]	NA	NA	
218	8-Methoxy-6-oxogermacra-1(10),4,7(11)-trieno-12,8-lactone	*C. henryi*[62]	NA	NA	

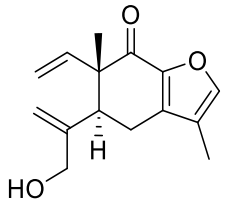
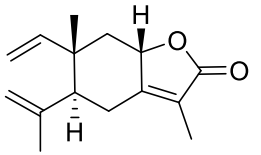
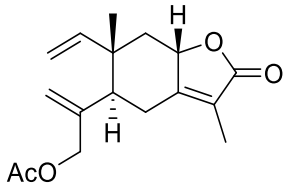
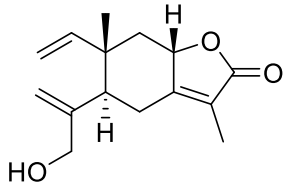
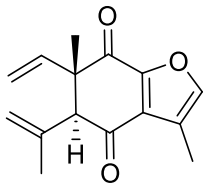
219	15-Hydroxy-11βH-8-oxogermacra-1(10),4-dieno-12,6α-lactone	*C. henryi*[62]	NA	NA	
220	Sarcaglaboside E	*S. g labra*[16]	Hepatoprotective effect[16]	NA	
221	Acoragermacrone	*C. serratus*[105]	NA	Synthesized from farnesol,[106] unique Pd-catalyzed macrocyclization	
222	Zederone	*C. serratus*[105]	NA	NA	
223	Furanodienone	*C. serratus*[105]	NA	NA	
224	Glechomanolide	*C. japonicus*[12]	NA	NA	

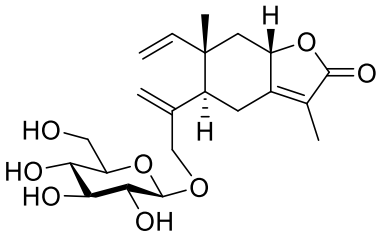
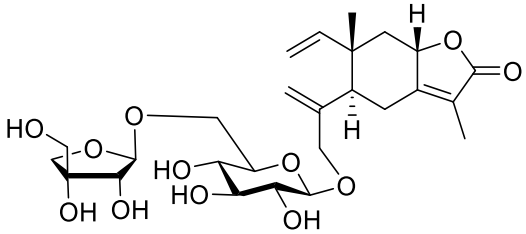
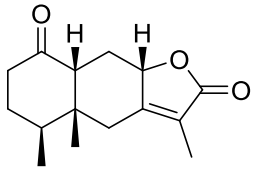
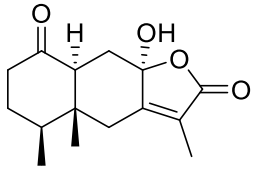
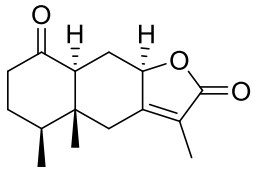
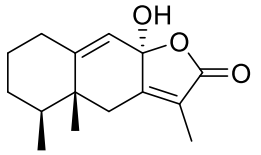
225	Isofuranodiene	*C. japonicus*[12]	NA	NA	
226	Chloranholide E	*C. holostegius*[37]	NA	NA	
227	Chlorantolide A	*C. anhuiensis*[36]	NA	NA	
II-e. Cadinane-type sesquiterpenoids (228–247)					
228	Chloranholide B	*C. holostegius*[37]	NA	NA	
229	Chloranholide C	*C. holostegius*[37]	NA	NA	
230	Chloranholide D	*C. holostegius*[37]	Anti-inflammatory effect[37]	NA	

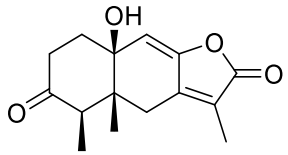
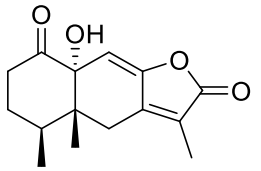
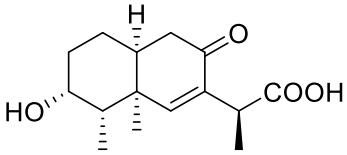
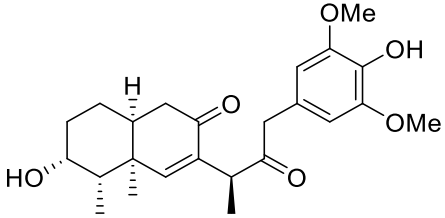
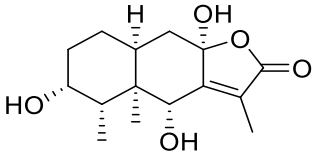
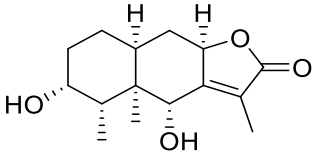
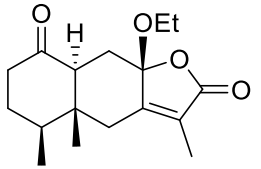
231	Chlomultiol J	*C. multistachys*[85]	NA	NA	
232	Chlomultiol K	*C. multistachys*[85]	Anti-inflammatory effect[85]	NA	
233	Chlomultiol L	*C. multistachys*[85]	Anti-inflammatory effect[85]	NA	
234	(−)-Chlorantene N	*C. multistachys*[89]	NA	NA	
235	(+)-Chlorantene N	*C. multistachys*[89]	NA	NA	
236	Phacadinane E	*C. anhuiensis*[36]	NA	NA	

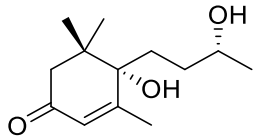
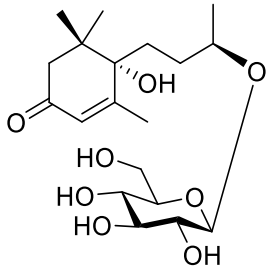
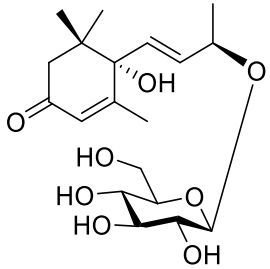
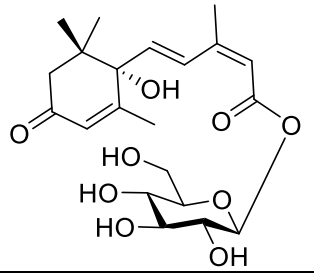
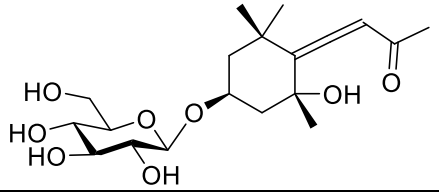
237	(4α)-8-Hydroxy-12-norcardina-6,8,10-trien-11-one	*C. henryi*[103]	NA	NA	
238	6α,8α,10α-Trihydroxycardina-4(15),7(11)-dien-12-oic acid γ-lactone	*C. serratus*[72]	NA	NA	
239	Chlomultin C	*C. multistachys*[102]	NA	NA	
240	(4α,11β)-8,11-Dihydroxycadina-6,8,10-trien-12-oic acid γ-lactone	*C. henryi*[6]	NA	NA	
241	(4β,11β)-8,11-Dihydroxycadina-6,8,10-trien-12-oic acid γ-lactone	*C. henryi*[6]	NA	NA	
242	(8α)-6,8-Dihydroxycadina-7(11),10(15)-dien-12-oic acid γ-lactone	*C. henryi*[6]	Antitumor effect[6] Hela IC_{50} 4.7 μM A549 IC_{50} 8.9 μM MCF IC_{50} 9.6 μM K562 IC_{50} 11.8 μM	NA	

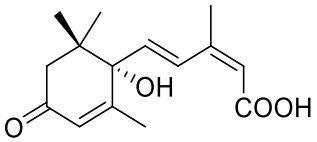
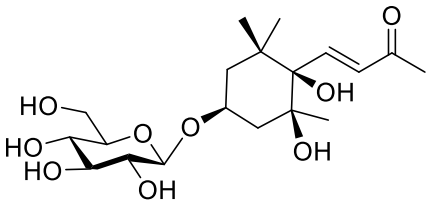
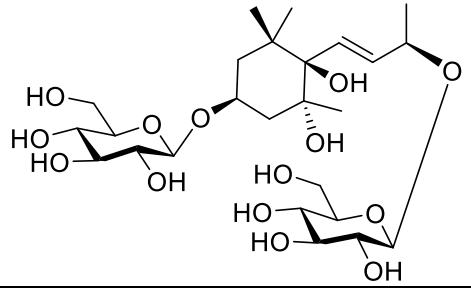
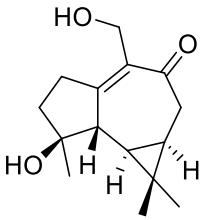
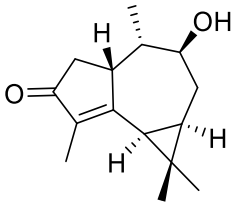
243	Pyrocurzerenone	*C. serratus*[107]	NA	Synthesized from methyl 2-methyl-4-oxo-2-vinylpentanoate,[108] 3-methylfuran annulation reaction using l-nitro-l-(phenylthio)propene	
244	(+)-Chlorahupetolide P	*C. henryi var. hupehensis*[83]	NA	NA	
245	(−)-Chlorahupetolide P	*C. henryi var. hupehensis*[83]	NA	NA	
246	(+)-Chlorahupetolide Q	*C. henryi var. hupehensis*[83]	NA	NA	
247	(−)-Chlorahupetolide Q	*C. henryi var. hupehensis*[83]	NA	NA	
II-f. Elemane-type sesquiterpenoids (248–255)					
248	Curzerenone	*C. serratus*[63]	NA	Synthesized from methyl 2-methyl-4-oxo-2-vinylpentanoate,[108] 3-methylfuran	

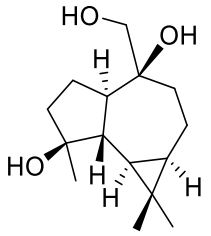
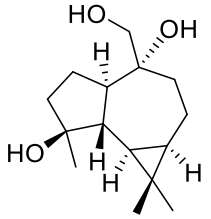
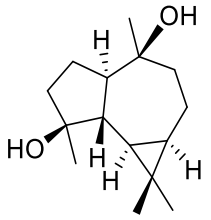
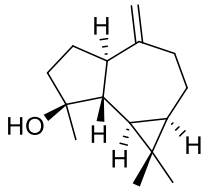
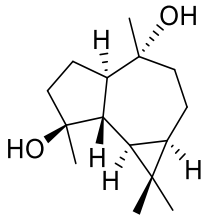
				annulation reaction using l-nitro-l-(phenylthio)propene	
249	Sarglanoid H	*S. glabra*[109]	NA	NA	
250	Isogermafurenolide	*C. anhuiensis*[36]	NA	NA	
251	15-Acetoxy-isogermafurenolide	*H. brasiliense*[100]	NA	NA	
252	Linderolide F	*H. brasiliense*[100]	NA	NA	
253	Chlorantene F	*C. serratus*[63]	Moderate activity against *Helicobacter pylori*-SS1 MIC of 25–50 μg/mL[63]	NA	

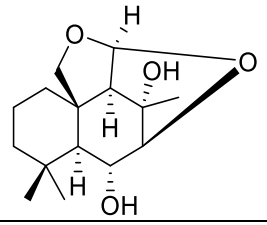
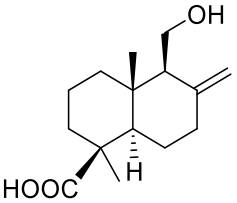
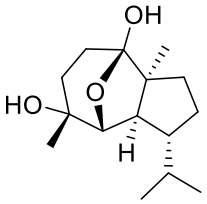
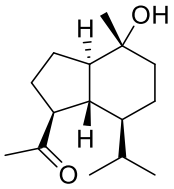
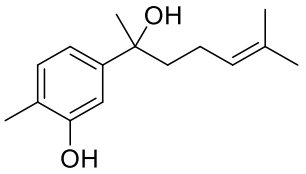
254	Sarcaglaboside C	*S. glabra*[16]	Hepatoprotective effect[16]	NA	
255	Sarcaglaboside D	*S. glabra*[16]	Hepatoprotective effect[16]	NA	
II-g. Eremophilane-type sesquiterpenoids (256–266)					
256	1-Oxo-10βH-eremophila-7(11)-en-8α,12-olide	*S. glabra*[60]	NA	NA	
257	Istanbulin A	*S. glabra*[60]	NA	NA	
258	Istanbulin B	*S. glabra*[60]	NA	NA	
259	Tsoongianolide D	*C. japonicus*[28]	NA	NA	

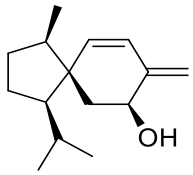
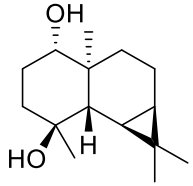
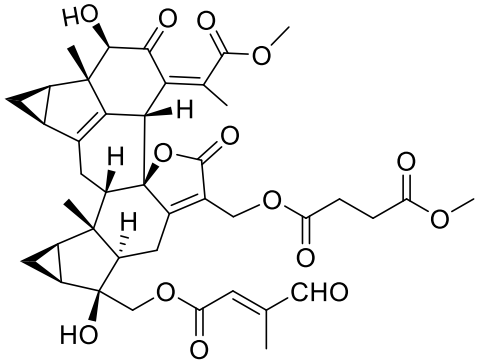
260	Tsoongianolide E	*C. japonicus*[28]	NA	NA	
261	10α-Hydroxy-1-oxoeremophila-7(11),8(9)-dien-8,12-olide	*C. japonicus*[28]	NA	NA	
262	(3*R*,4*S*,5*R*,10*S*,11*S*)-3-Hydroxy-8-oxo-6-eremophilen-12-oic acid	*C. anhuiensis*[61]	NA	NA	
263	Anhuienol	*C. anhuiensis*[61]	NA	NA	
264	(3*R*,4*S*,5*R*,6*R*,8*R*,10*S*)-3,6,8-Trihydroxy-7(11)-eremophilen-12,8-olide	*C. anhuiensis*[61]	NA	NA	
265	3α,6α-Dihydroxy-8αH-7(11)-eremophilen-12,8-olide	*C. anhuiensis*[61]	NA	NA	
266	Sarglanoid F	*S. glabra*[66]	Anti-inflammatory effect[66]	NA	

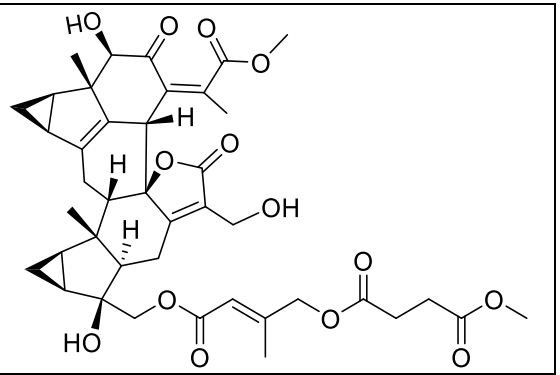
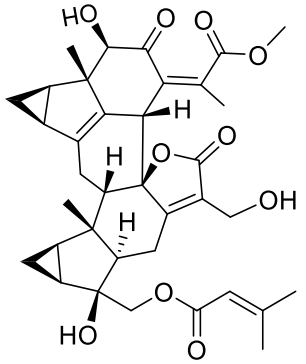
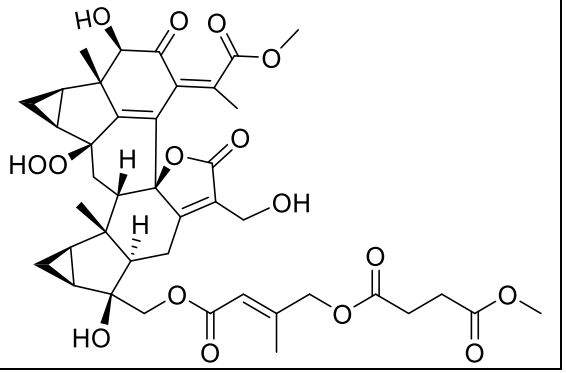
II-h. Monocyclofarnesane-type sesquiterpenoids (267–274)					
267	Dihydrovomifoliol	*S. glabra*[110]	NA	NA	
268	Dihydrovomifoliol-*O*-*β*-D-glucopyranoside	*S. glabra*[110]	NA	NA	
269	Drovomifoliol-*O*-*β*-D-glucopyranoside	*S. glabra*[110]	NA	NA	
270	*β*-D-Glucopyranosyl abscisate	*S. glabra*[110]	NA	NA	
271	Icariside B1	*S. glabra*[110]	NA	NA	

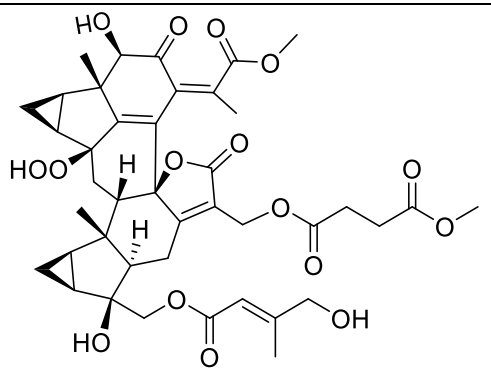
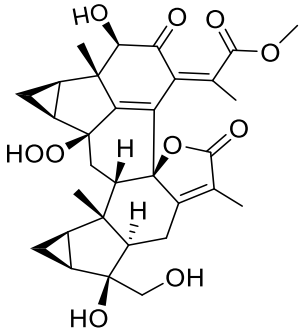
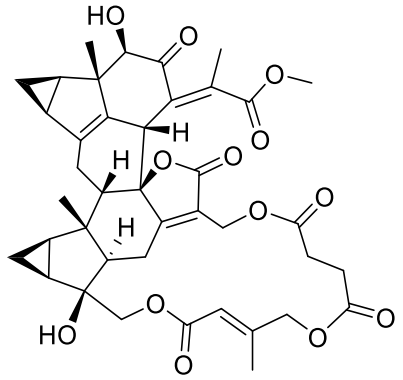
272	Abscisic acid	*S. glabra*[110]	NA	NA	
273	Pisumionoside	*C. japonicus*[13]	NA	NA	
274	Yinxiancaoside B	*C. japonicus*[13]	NA	NA	
II-i. Aromadendrane-type sesquiterpenoids (275–281)					
275	Sarglanoid G	*S. glabra*[109]	NA	NA	
276	(9*S*,10*S*)-(−)-9*β*-Hydroxylcyclochrome	*S. glabra*[109]	NA	NA	

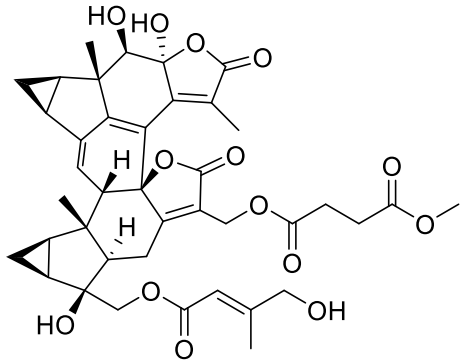
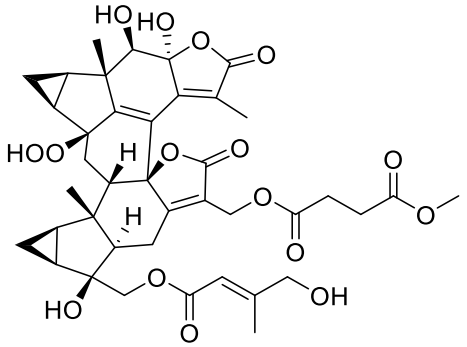
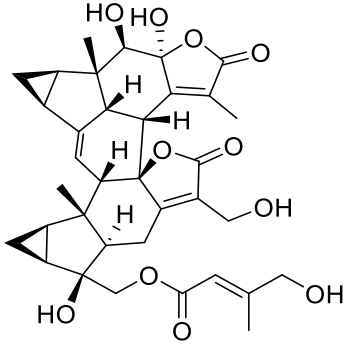
277	Aromadendrane-4β,10β,15-triol	*C. elatior*[111]	NA	NA	
278	Aromadendrane-4β,10α,15-triol	*C. elatior*[111]	NA	NA	
279	Aromadendrane-4β,10β-diol	*H. orientale*[82]	NA	NA	
280	Spathulenol	*C. spicatus*[58]	NA	Synthesized from bicyclogermacrene[112]	
281	4β,10α-Dihydroxyaromadendrane	*C. spicatus*[58]	NA	Synthesized from *trans*-fused apoaromadendrone[113]	
II-j. Drimane-type sesquiterpenoids (282–283)					

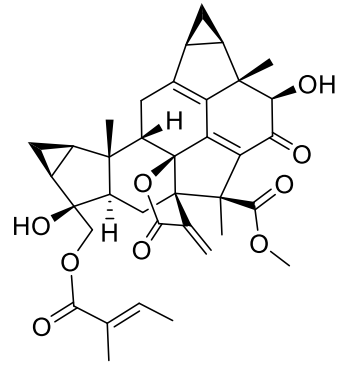
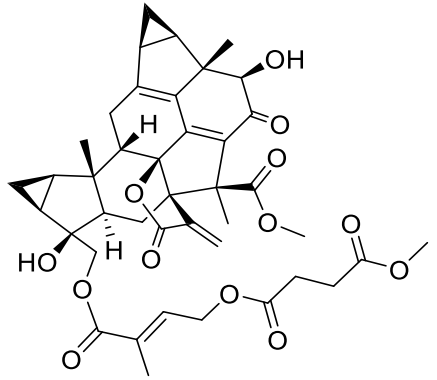
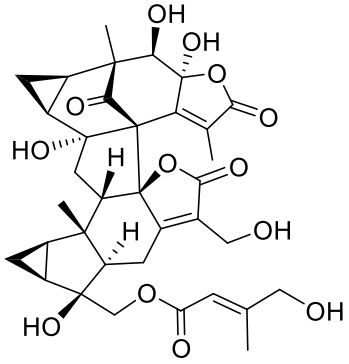
282	Chlohenriol A	*C. henryi*[94]	Moderate neuroprotective effect[94]	NA	
283	11-Hydroxydrim-8,12-en-14-oic acid	*C. henryi*[65]	NA	NA	
II-k. Isodaucane-type sesquiterpenoid (284)					
284	Homalomenol C	*C. spicatus*[59]	NA	NA	
II-l. Oplopanane-type sesquiterpenoid (285)					
285	Oplopanone	*C. spicatus*[59]	NA	NA	
II-m. Brasilane-type sesquiterpenoid (286)					
286	Chlospicate E	*C. spicatus*[59]	NA	NA	

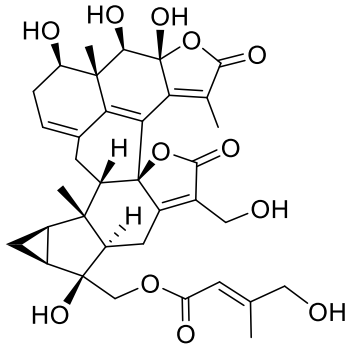
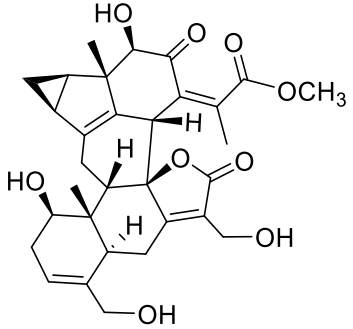
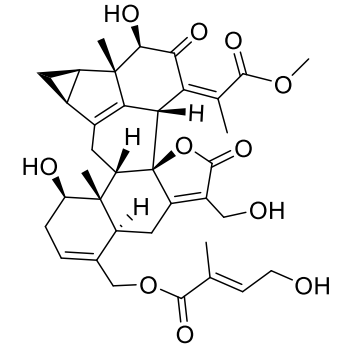
II-n. Acorane-type sesquiterpenoid (287)					
287	Shizukaacoradienol	*C. japonicus*[74]	NA	NA	
II-o. Maaliane-type sesquiterpenoid (288)					
288	(1*S*,4*S*,5*S*,6*R*,7*R*,10*S*)-1,4-Dihydroxymaaliane	*C. elatior*[111]	NA	NA	
III. Sesquiterpenoid oligomers (289–531) **III-a. Dimeric lindnane sesquiterpenoids (289–495)** **III-a1. [4 + 2]-Cycloaddition type (289–473)**					
289	Fortunilide A	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 5.2 ± 0.6 nM	NA	

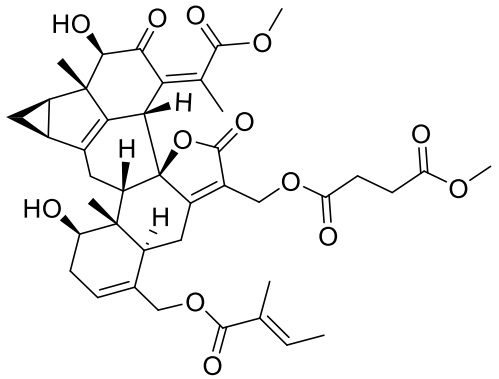
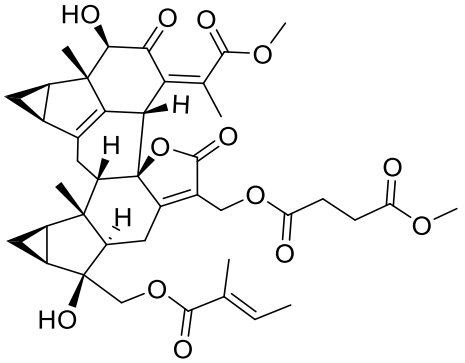
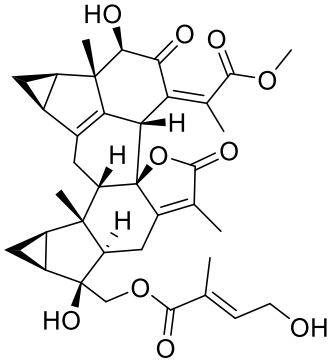
290	Fortunilide B	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 19 ± 8 nM	NA	
291	Fortunilide C	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 211 ± 56 nM	NA	
292	Fortunilide D	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 30 ± 8 nM	NA	

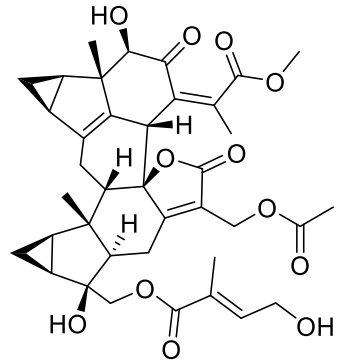
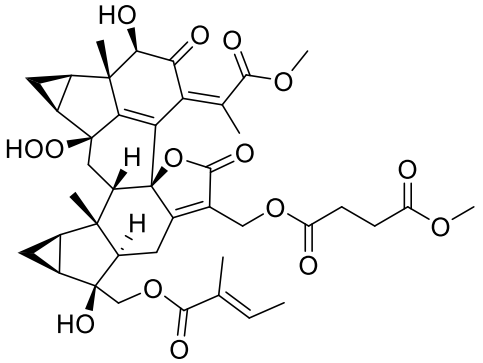
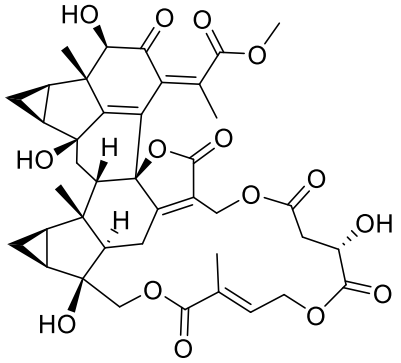
293	Fortunilide E	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 43 ± 3 nM	NA	
294	Fortunilide F	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 5300 ± 2000 nM	NA	
295	Fortunilide G	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 46 ± 3 nM	NA	

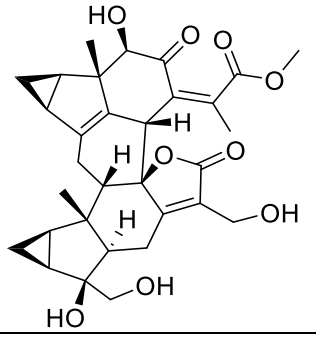
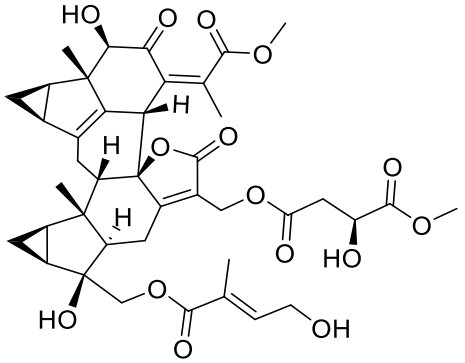
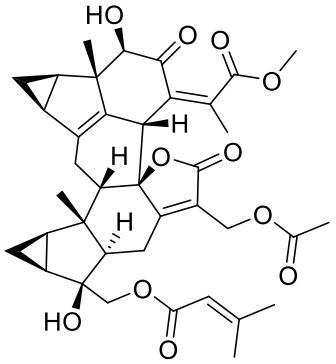
296	Fortunilide H	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 198 ± 22 nM	NA	
297	Fortunilide I	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 94 ± 30 nM	NA	
298	Fortunilide J	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 9900 ± 2700 nM	NA	

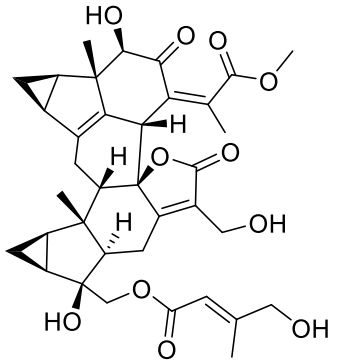
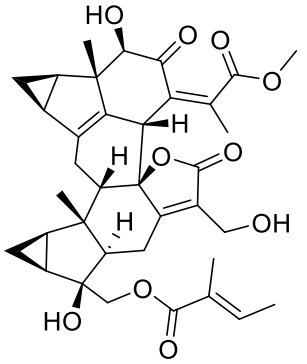
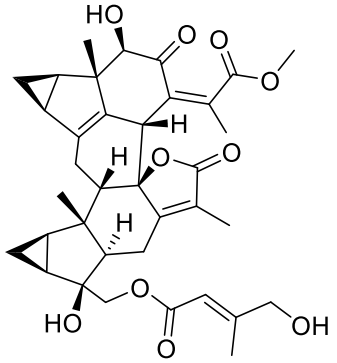
299	Fortunilide K	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 4700 ± 500 nM	NA	
300	Fortunilide L	*C. fortunei*[114]	Antimalarial effect[114] EC_{50} 99 ± 18 nM	NA	
301	Fortunoid A	*C. fortunei*[115]	Antimalarial effect[115] EC_{50} 10200 ± 370 nM	NA	

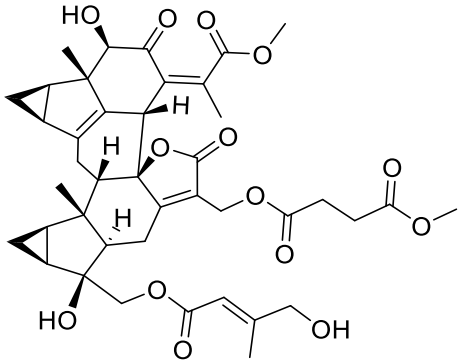
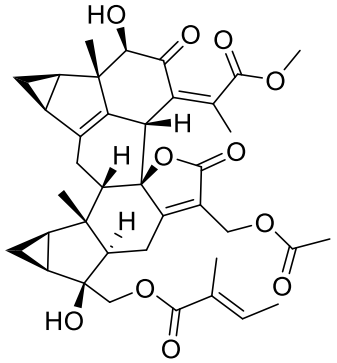
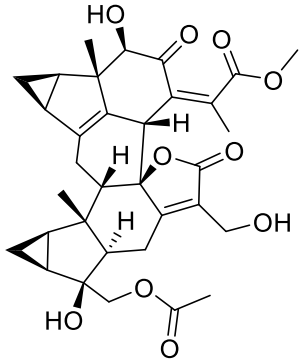
302	Fortunoid B	*C. fortunei*[115]	Antimalarial effect[115] EC_{50} 495 ± 10 nM	NA	
303	Fortunoid C	*C. fortunei*[115]	NA	NA	
304	15'-*O*-(4-Hydroxytigloyl)fortunoid C	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} 1500 ± 12 nM	NA	

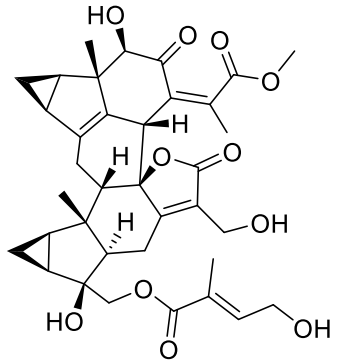
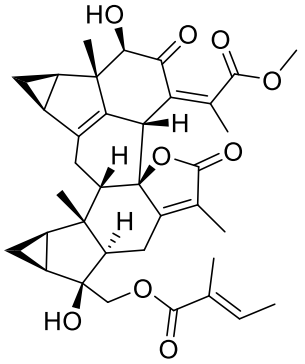
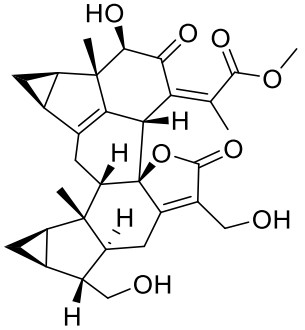
305	13'-*O*-Methyl succinyl-15'-*O*-tigloylfortunoid C	*S. glabra* subsp. *brachystachys*[116]	NA	NA	
306	13'-*O*-Methyl succinylshizukaol C (Sarbracholide)	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} 0.0043 ± 0.0003 nM	Synthesized from (+)-verbenone (**R20**) in 19 steps,[117] MTBD-mediated one-pot *Z*-type elimination/lactonization and biomimetic [4 + 2] dimerization	
307	4"-Hydroxysarcandrolide A	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} 36 ± 8 nM	NA	

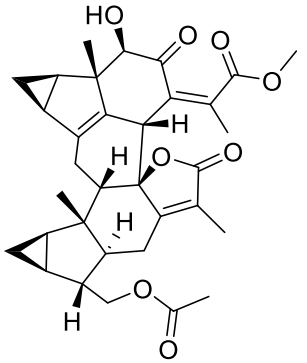
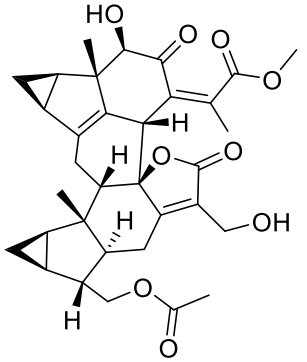
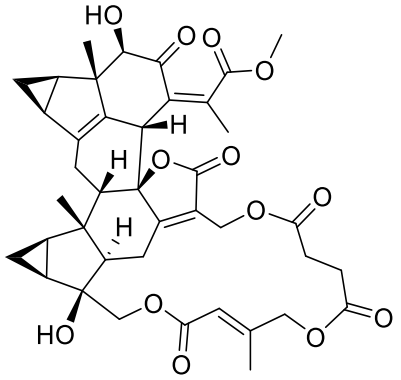
308	13'-*O*-Acetylsarcandrolide B	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} 85 ± 1 nM	NA	
309	13'-*O*-Methyl succinylchlorajaponilide E	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} 60 ± 10 nM	NA	
310	(7"*S*)-7"-Hydroxychloramultilide A	*S. glabra* subsp. *brachystachys*[116]	Antimalarial effect[116] EC_{50} > 2000 nM	NA	

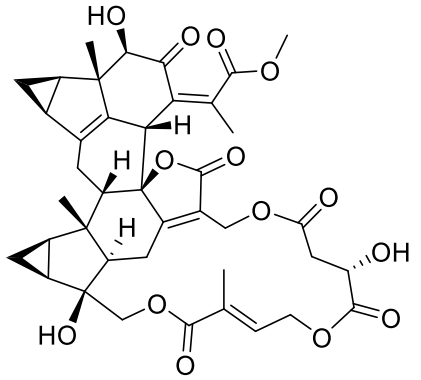
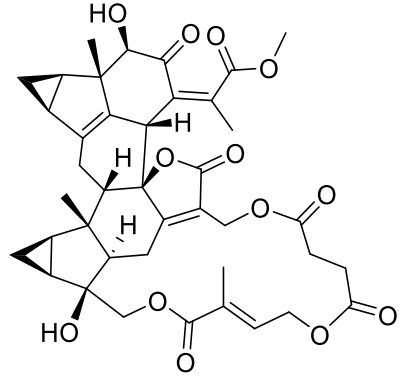
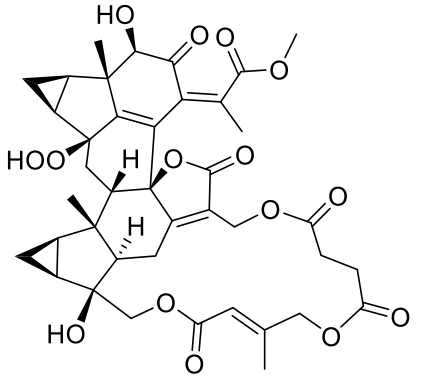
311	Sarglabolide I	*S. glabra*[118]	Antimalarial effect[114] EC_{50} 4600 ± 200 nM	Synthesized from **R42** and **R45** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
312	Sarglabolide J	*S. glabra*[118]	Antimalarial effect[114] EC_{50} 7.2 ± 1.3 nM	NA	
313	Shizukaol K	*C. fortunei*[119]	Antimalarial effect[114] EC_{50} 860 ± 89 nM	NA	

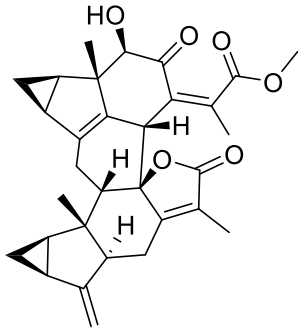
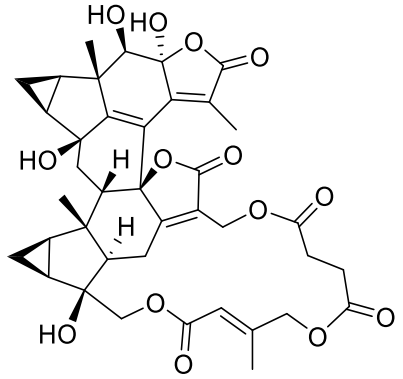
314	Shizukaol I	*C. japonicus*[120]	Antimalarial effect[114] EC_{50} 111 ± 12 nM	Synthesized from **R42** and **R45** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
315	Shizukaol C	*C. serratus*[121]	a. Antimalarial effect[114] EC_{50} 21 ± 9 nM b. Antifungal effect[122] c. Anti-neuroinflammatory effect[54,123,124] d. Antitumor effect[123] MGC-803 IC_{50} 4.60 μM HepG2 IC_{50} 3.17 μM HL-60 IC_{50} 1.57 μM e. Anti-HIV effect[125]	Synthesized from **R42** and **R45** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
316	Shizukaol M	*C. fortunei*[119]	a. Antimalarial effect[114] EC_{50} 96 ± 37 nM b. Multidrug resistance reversal effect[126] c. Anti-inflammatory effect[50] IC_{50} 7.01 ± 0.2 μM	NA	

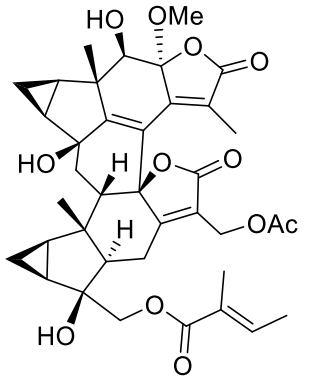
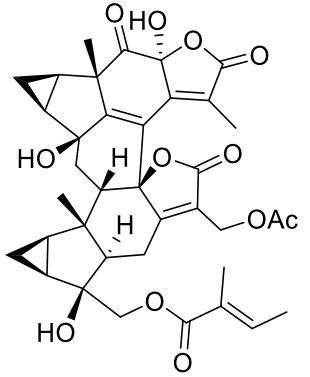
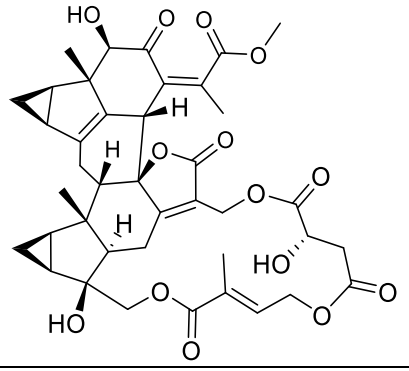
317	Chlorajaponilide C	*C. japonicus*[125]	Antimalarial effect[114] EC_{50} 1.1 ± 0.2 nM	Synthesized from **R42** and **R45** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
318	Chloraholide D Henriol D[#]	*C. holostegius*[127] *C. henryi*[128#]	a. Antimalarial effect[114] EC_{50} 13 ± 3 nM b. Anti-inflammatory effect[50] IC_{50} 1.90 ± 0.5 μM c. Anti-neuroinflammatory effect[54] d. Selective potassium channel blocker[124,127] IC_{50} 2.7 ± 0.3 μM e. Antifungal effect[129]	NA	
319	Shizukaol N	*C. fortunei*[119]	Antimalarial effect[114] EC_{50} 100 ± 10 nM	NA	

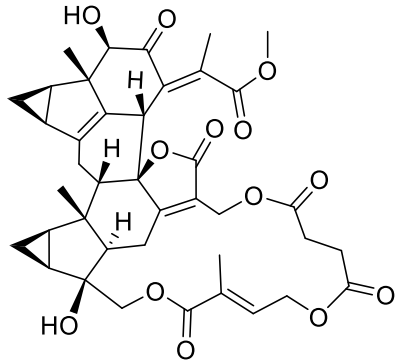
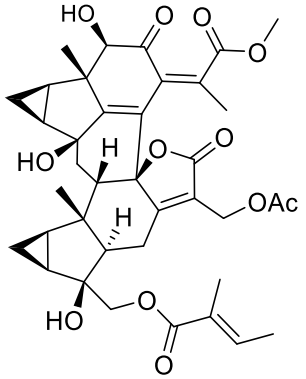
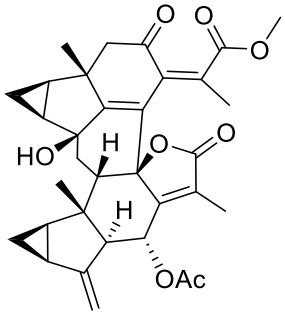
320	Sarcandrolide B	*S. glabra*[43]	a. Antimalarial effect[114] EC_{50} 265 ± 5 nM b. Antitumor effect[43] HL-60 IC_{50} 8.5 μM	NA	
321	Sarcandrolide A	*S. glabra*[43]	a. Antimalarial effect[114] EC_{50} 320 ± 130 nM b. Antitumor effect[43] A549 IC_{50} 7.2 μM HL-60 IC_{50} 3.1 μM	NA	
322	Sarcandrolide J	*S. glabra*[47]	Antimalarial effect[114] EC_{50} 11400 ± 1600 nM	a. Synthesized from **R26** and **R27** that are converted from **R25**, which is accessible from (+)-verbenone (**R20**),[130] acid-promoted diene formation/[4 + 2] cascade, Scheme 8 b. Synthesized from **R26** and **R42** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	

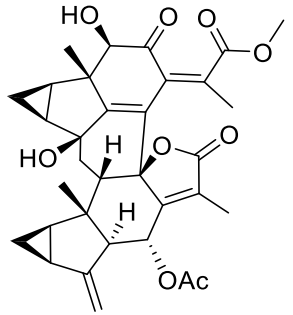
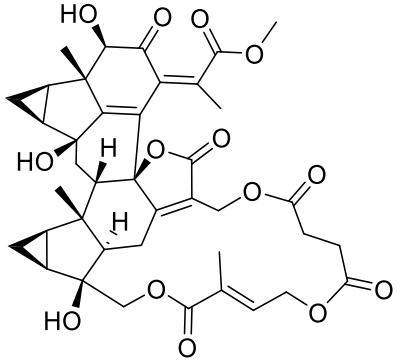
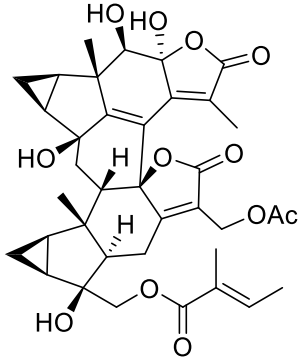
323	Shizukaol E	*C. japonicus*[120]	a. Antimalarial effect[114] EC_{50} 1800 ± 400 nM b. Anti-inflammatory effect[50] IC_{50} 3.68 ± 0.5 μM c. Inhibition on HIV-1 and HCV replication[131] d. Anti-neuroinflammatory effect[124] IC_{50} 4.87 ± 0.50 μM	Synthesized from **R30** and **R32** that are accessible from Wieland–Miescher ketone (**R29**),[22] a wittig reaction or silyl migration and lactonization to build the unsaturated lactone ring and biomimetic [4 + 2] dimerization, Scheme 9	
324	Shizukaol D	*C. serratus*[121]	a. Antimalarial effect[114] EC_{50} 580 ± 90 nM b. Anti-inflammatory effect[50] IC_{50} 7.22 ± 1.1 μM c. Antitumor effect[132] SMMC-7721 IC_{50} 8.82 μM SK-HEP1 IC_{50} 9.25 μM FOCUS IC_{50} 6.26 μM d. Hypolipidemic and hypoglycemic effect[133] e. Anti-neuroinflammatory effect[124] IC_{50} 5.68 ± 0.04 μM	a. Synthesized from **R26** and **R27** that are converted from **R25**, which is accessible from (+)-verbenone (**R20**),[130] acid-promoted diene formation/[4 + 2] cascade, Scheme 8 b. Synthesized from **R26** and **R42** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
325	Shizukaol F	*C. japonicus*[120]	a. Antimalarial effect[114] EC_{50} 11 ± 1 nM b. Antifungal effect[122] c. Antitumor effect[123] HL-60 IC_{50} 10.28 μM d. Anti-HIV effect[125] e. Anti-atherosclerotic effect[134] f. Hypolipidemic and hypoglycemic effect[135]	NA	

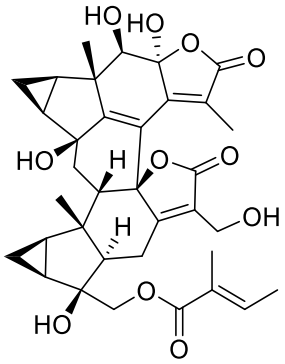
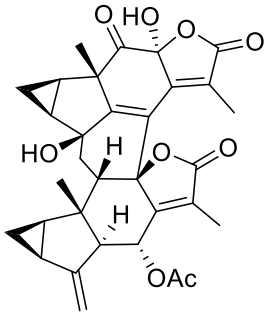
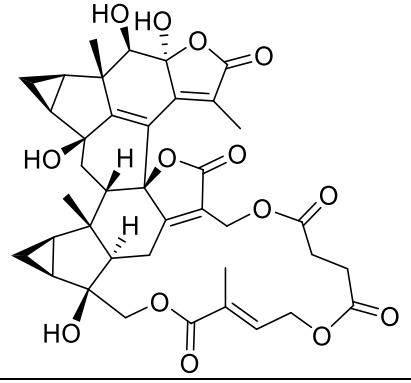
326	Shizukaol G	*C. japonicus*[120]	a. Antimalarial effect[114] EC_{50} 13 ± 1 nM b. Anti-inflammatory effect[50] IC_{50} 1.95 ± 0.4 μM	NA	
327	Shizukaol B	*C. serratus*[121]	a. Antimalarial effect[114] EC_{50} 27 ± 3 nM b. Anti-inflammatory effect[50] IC_{50} 0.15 ± 0.1 μM c. Anti-neuroinflammatory effect[54,124,136] d. Antifungal effect[86] e. Anti-HIV effect[125] f. Anti-atherosclerotic effect[134]	Synthesized from (+)-verbenone (**R20**) in 20 steps,[117] MTBD-mediated one-pot *Z*-type elimination/lactonization and biomimetic [4 + 2] dimerization	
328	Spicachlorantin D	*C. spicatus*[137]	Antimalarial effect[114] EC_{50} 474 ± 12 nM	NA	

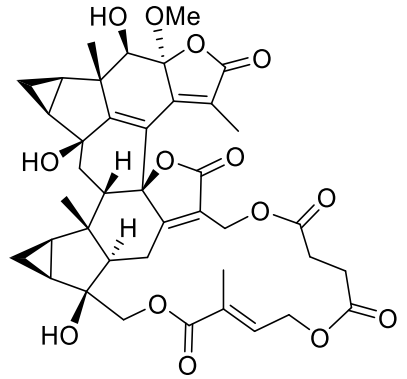
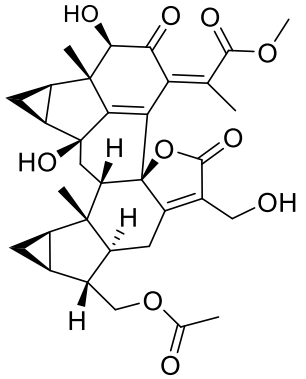
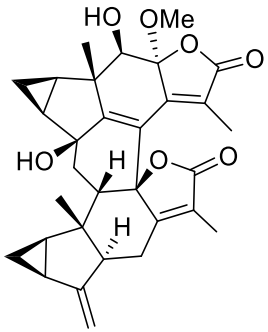
329	Shizukaol A	*C. japonicus*[138]	a. Antimalarial effect[114] EC_{50} 1500 ± 300 nM b. Anti-inflammatory effect[139] by targeting HMGB1 to regulate the Nrf2/HO-1 signaling pathway c. Anti-neuroinflammatory effect[124] IC_{50} 4.69 ± 0.13 μM	a. Synthesized from chloranthalactone A (**19**) and **R32** that are accessible from Wieland–Miescher ketone (**R29**),[22] a wittig reaction or silyl migration and lactonization to build the unsaturated lactone ring and biomimetic [4 + 2] dimerization, Scheme 9 b. Synthesized from **19** and **R42** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10 c. Synthesized from **19** and **R62** that are accessible from **R20**,[140] biomimetic [4 + 2] dimerization, Scheme 12	
330	Chloramultilide B	*C. spicatus*[141]	a. Antimalarial effect[114] EC_{50} 7100 ± 1000 nM b. Antifungal effect[141] MIC 0.068 μM	NA	

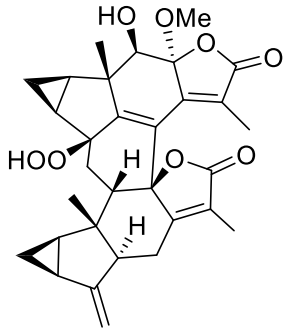
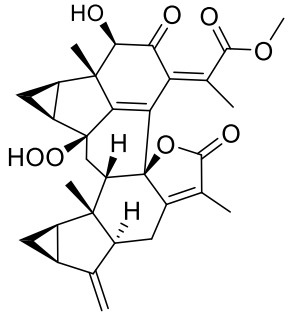
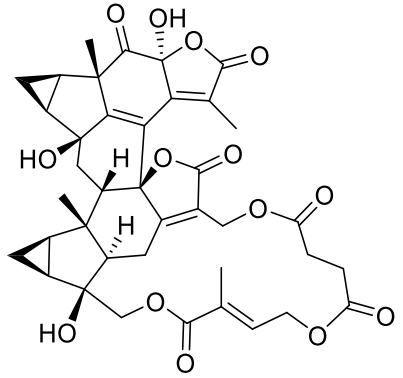
331	Sarcaglabrin C	*S. glabra*[142]	Antimalarial effect[116] EC_{50} > 2000 nM	NA	
332	Chloraholide F	*C. holostegius*[127]	a. Antimalarial effect[116] EC_{50} > 2000 nM b. Selective potassium channel blocker[127] IC_{50} 57.5 ± 6.1 μM	NA	
333	Sarglabolide C	*S. glabra*[118]	Antimalarial effect[116] EC_{50} 9.7 ± 1.3 nM	NA	

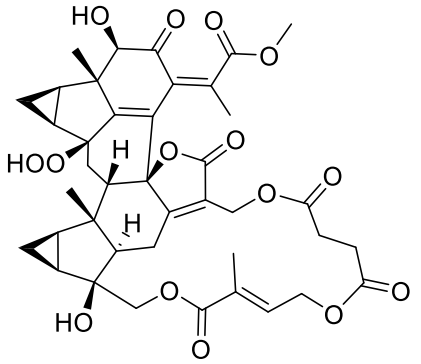
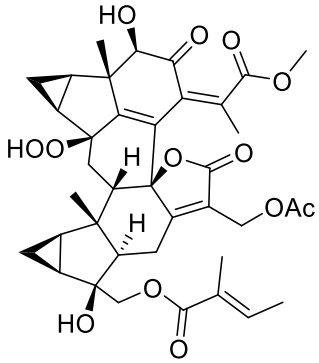
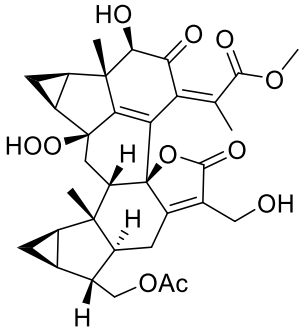
334	Henriol C	*C. henryi*[128]	a. Antimalarial effect[116] EC_{50} 102 ± 8 nM b. Antitumor effect[128] Bel-7402 IC_{50} 1.40 μM BGC-823 IC_{50} 3.20 μM	NA	
335	Sarcandrolide E	*S. glabra*[43]	NA	NA	
336	Chloraholide A	*C. holostegius*[143]	Selective potassium channel blocker[143] IC_{50} 10.9 ± 12.3 μM	NA	

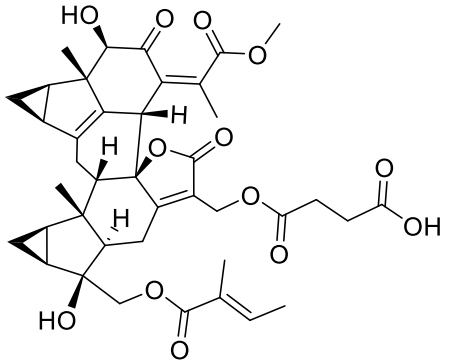
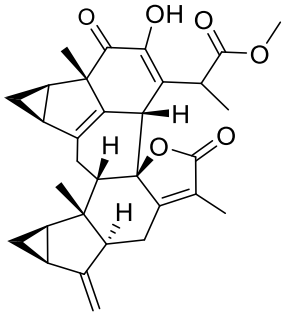
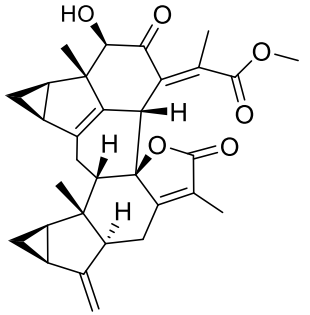
337	Chloraholide C	*C. holostegius*[127]	Selective potassium channel blocker[127] IC_{50} 3.6 ± 10.1 μM	NA	
338	Chloramultilide A	*C. multistachys*[144]	Antifungal effect[86]	NA	
339	Sarcandrolide D	*S. glabra*[43]	NA	NA	

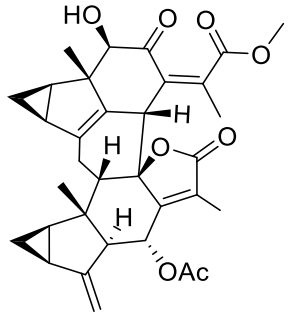
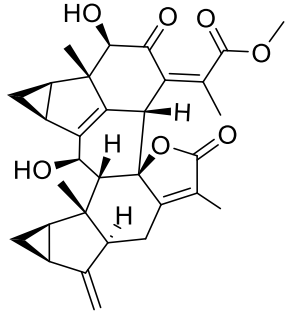
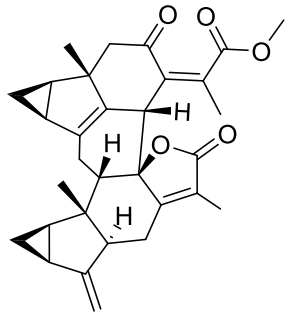
340	Chloramultilide D Henriol B[#]	*C. spicatus*[141] *C. henryi*[128#]	NA	NA	
341	Chloraholide E	*C. holostegius*[127]	Selective potassium channel blocker[127] IC_{50} 27.5 ± 5.1 μM	NA	
342	Chloramultilide C Henriol A[#]	*C. spicatus* [141] *C. henryi*[128#]	a. Hepatoprotective effect[128] IC_{50} 0.19 μM b. Antifungal effect[86]	NA	

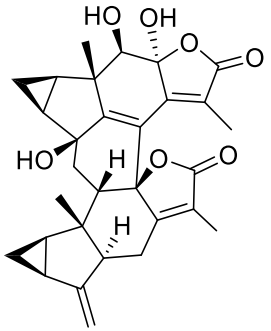
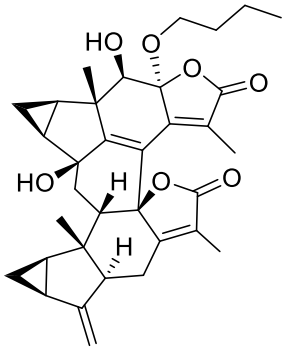
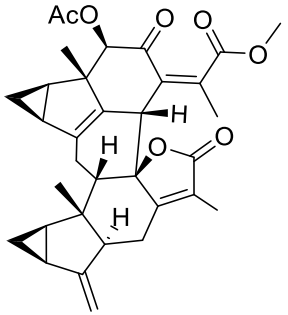
343	Spicachlorantin B	*C. spicatus*[145]	NA	NA	
344	Spicachlorantin G	*C. spicatus*[146]	NA	NA	
345	Spicachlorantin H	*C. spicatus*[146]	NA	NA	

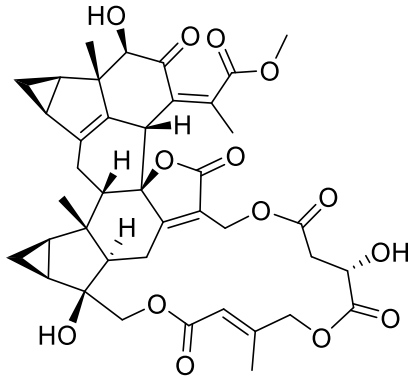
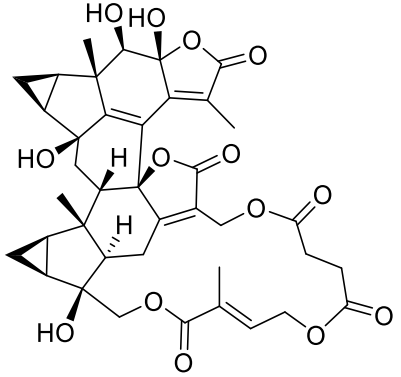
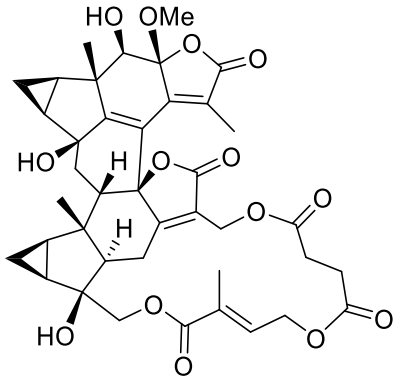
346	Spicachlorantin I	*C. spicatus*[146]	NA	NA	
347	Spicachlorantin J	*C. spicatus*[146]	NA	NA	
348	Spicachlorantin A	*C. spicatus*[145]	Antifungal effect[86]	NA	

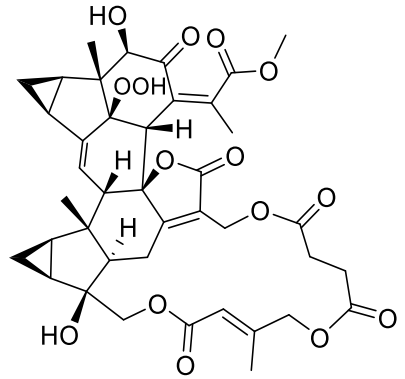
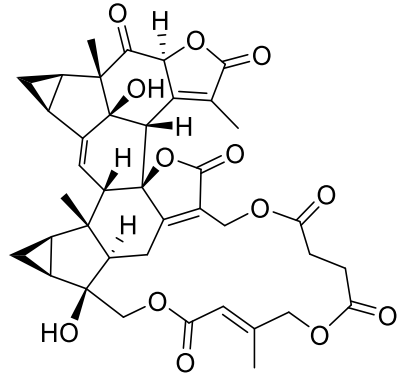
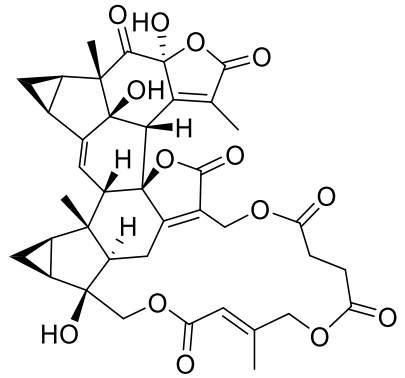
349	Spicachlorantin C	*C. spicatus*[137]	NA	NA	
350	Spicachlorantin E	*C. spicatus*[137]	NA	NA	
351	Spicachlorantin F	*C. spicatus*[137]	NA	NA	

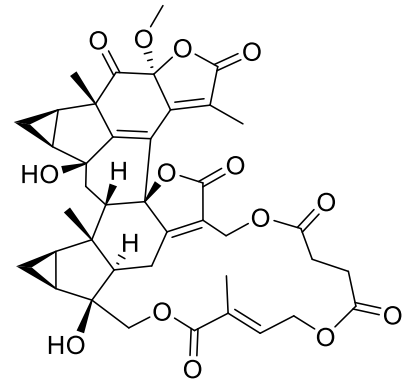
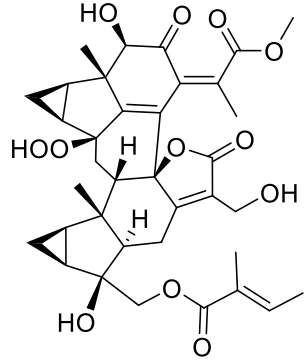
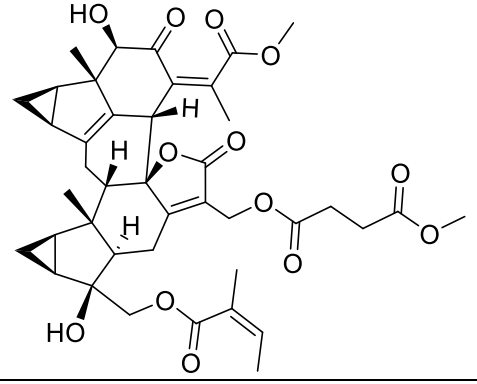
352	Chlojapolide A	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 11.64 ± 0.12 μM	NA	
353	Chlojapolide B	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 26.29 ± 0.64 μM	NA	
354	Chlojapolide C	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 26.54 ± 1.15 μM	NA	

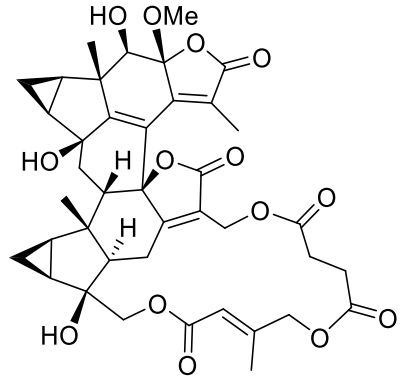
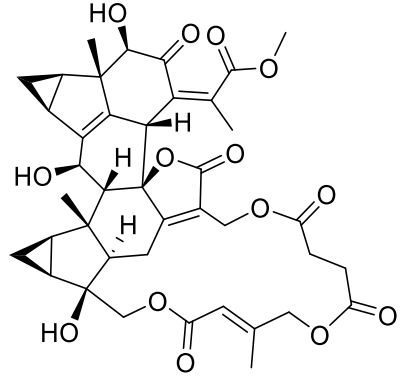
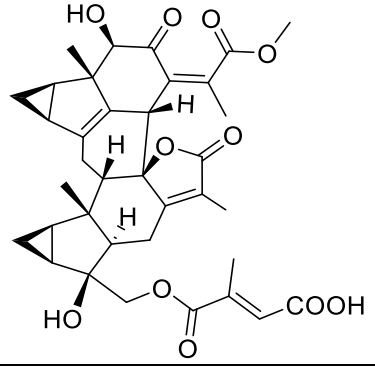
355	Chlojapolide D	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 25.05 ± 0.73 μM	NA	
356	Chlojapolide E	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 46.48 ± 1.73 μM	NA	
357	Chlojapolide F	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 24.44 ± 1.91 μM	NA	

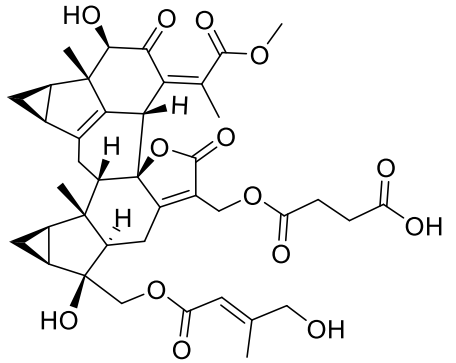
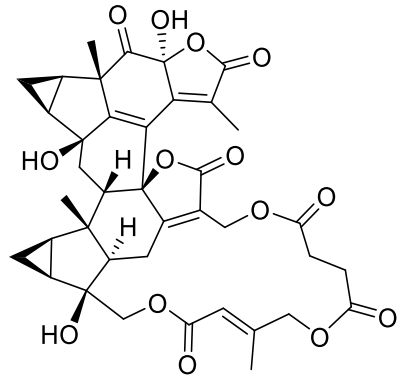
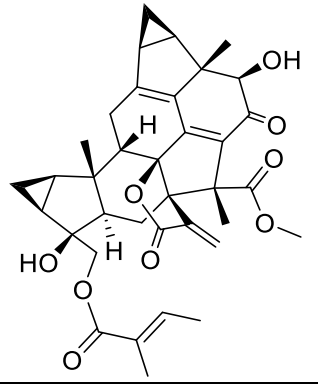
358	Chlojapolide G	*C. japonicus*[147]	NA	NA	
359	Chlojapolide H	*C. japonicus*[147]	Anti-inflammatory effect[147] IC_{50} 39.37 ± 2.00 μM	NA	
360	Shizukaol A acetate	*C. japonicus*[138]	NA	NA	

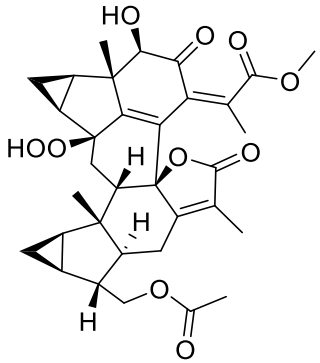
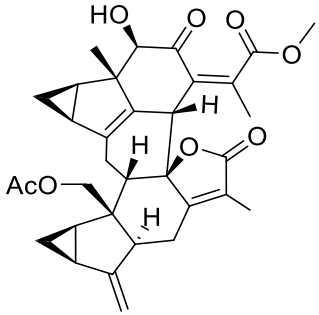
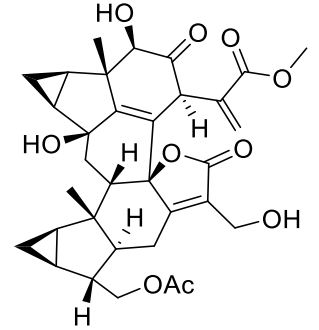
361	Shizukaol H	*C. japonicus*[120]	Anti-HIV effect[125]	NA	
362	Tianmushanol	*C. tianmushanensis*[148]	Antifungal effect[86]	NA	
363	8-*O*-Methyltianmushanol	*C. tianmushanensis*[148]	Antifungal effect[86]	NA	

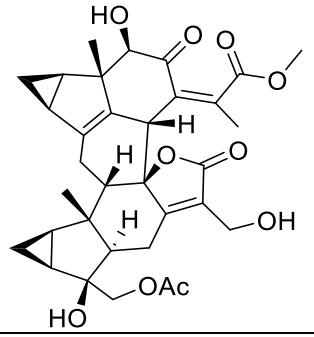
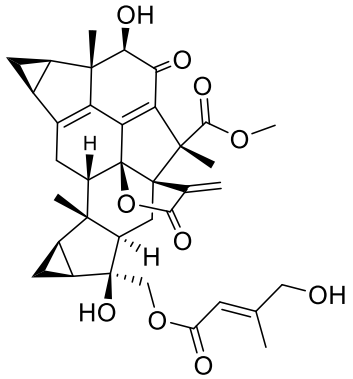
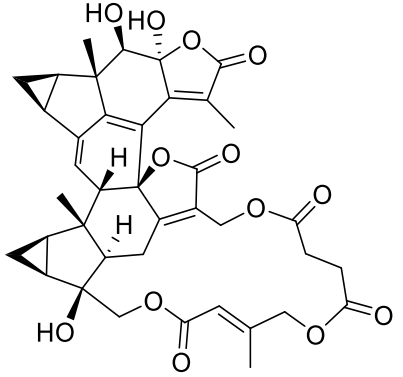
364	Chlorajaponilide I	*C. japonicus*[76]	NA	NA	
365	Chlorajaponilide A	*C. japonicus*[125]	NA	NA	
366	Chlorajaponilide B	*C. japonicus*[125]	NA	NA	

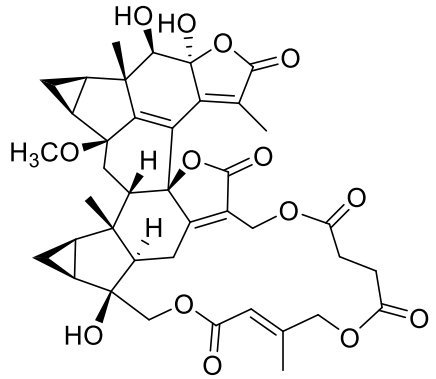
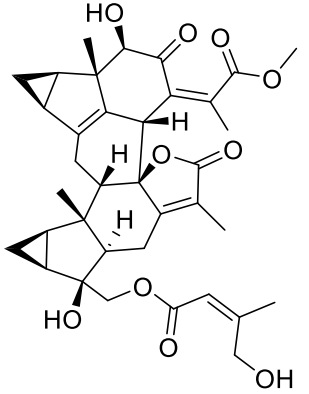
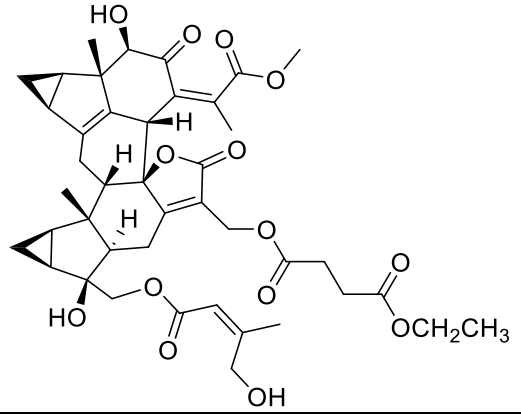
367	Chlorajaponilide D	*C. japonicus*[125]	NA	NA	
368	Chlorajaponilide E	*C. japonicus*[125]	NA	NA	
369	Chlorajaponol	*C. japonicus*[31]	NA	NA	

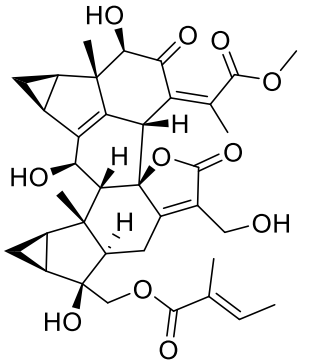
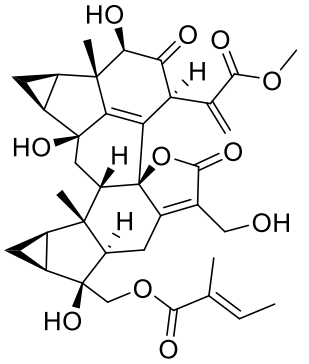
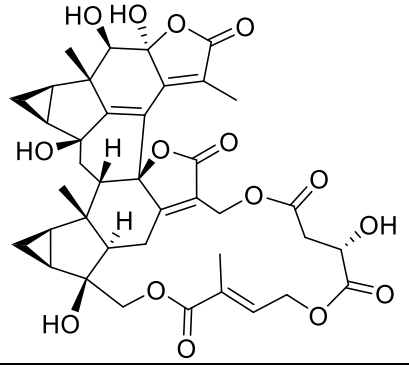
370	Yinxiancaol	*C. japonicus*[75]	NA	NA	
371	Shizukaol P	*C. fortunei*[35]	NA	NA	
372	Shizukaol L	*C. fortunei*[119]	NA	NA	

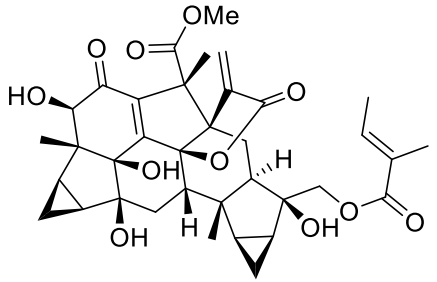
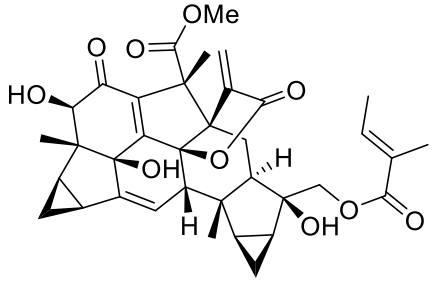
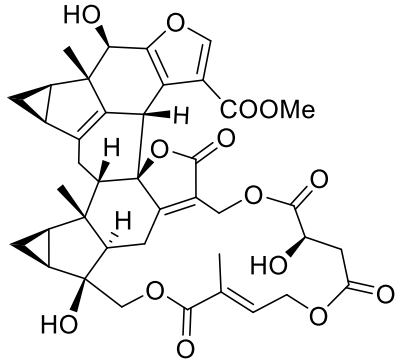
373	Shizukaol O	*C. fortunei*[119]	Anti-inflammatory effect[50] IC_{50} 1.95 ± 0.3 μM	NA	
374	Chloraholide B	*C. holostegius*[143]	Selective potassium channel blocker[143] IC_{50} 18.6 ± 2.5μM	NA	
375	Cholol actone A	*C. holostegius*[149]	Anti-inflammatory effect[149] IC_{50} 35.4 ± 1.5 μM	NA	

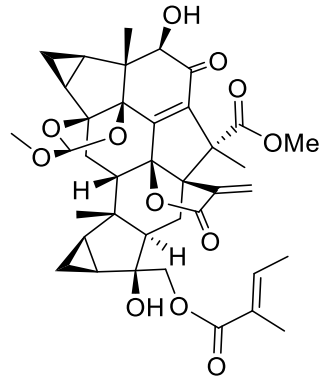
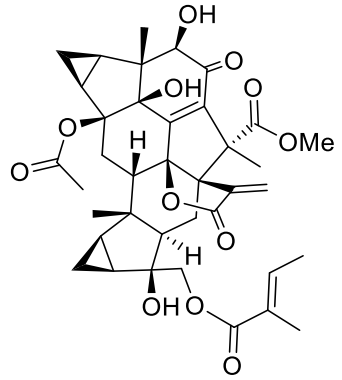
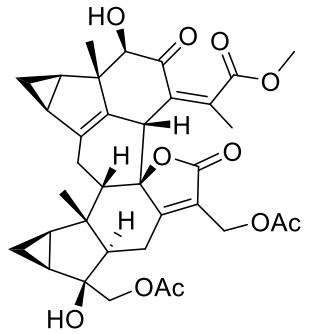
376	Chololactone B	*C. holostegius*[149]	NA	NA	
377	Chololactone D	*C. holostegius*[149]	Anti-inflammatory effect[149] IC_{50} 20.0 ± 2.6 μM	NA	
378	Multistalide A	*C. multistachys*[150]	NA	NA	

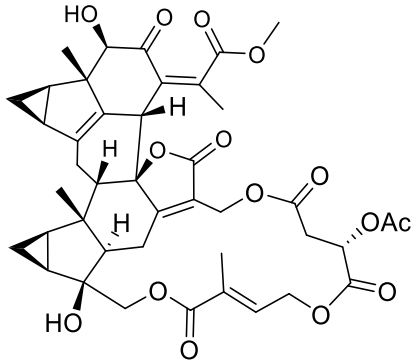
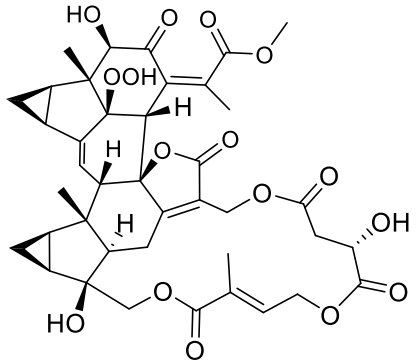
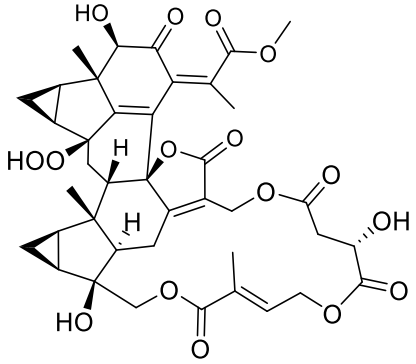
379	Multistalide B	*C. multistachys*[150]	NA	Synthesized from **R42** and **R45** that are accessible from (+)-verbenone (**R20**),[21] base-mediated thermal [4 + 2] cycloaddition, Scheme 10	
380	Fortulactone A	*C. fortunei*[151]	Anti-inflammatory effect[151] IC_{50} 8.5 μM	NA	
381	Fortulactone B	*C. fortunei*[151]	Anti-inflammatory effect[151] IC_{50} 23.4 μM	NA	

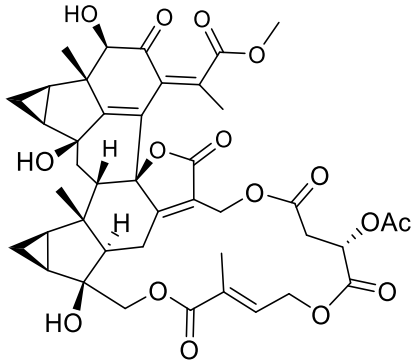
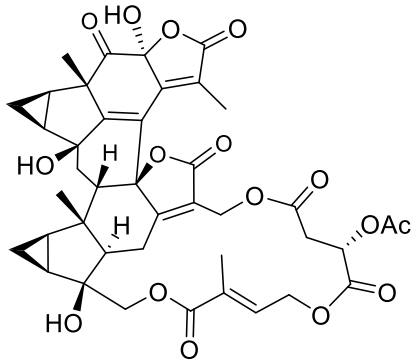
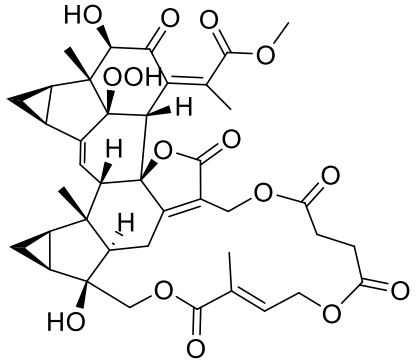
382	Fortulactone C	*C. fortunei*[151]	NA	NA	
383	Fortulactone D	*C. fortunei*[151]	NA	NA	
384	Fortulactone E	*C. fortunei*[151]	NA	NA	

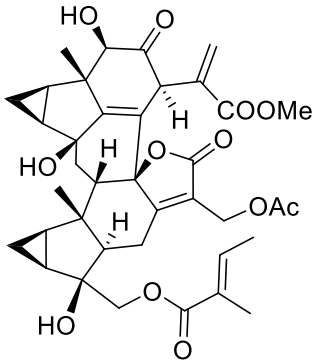
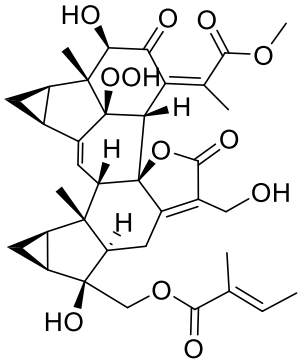
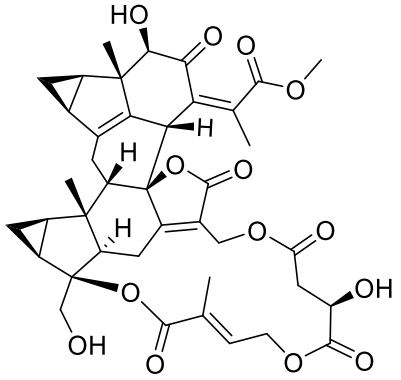
385	Chlomultiol A	*C. multistachys*[85]	Anti-inflammatory effect[85] IC_{50} 3.34 ± 0.73 μM	NA	
386	Chlomultiol B	*C. multistachys*[85]	Anti-inflammatory effect[85] IC_{50} 15.06 ± 1.08 μM	NA	
387	Chlomultiol C	*C. multistachys*[85]	Anti-inflammatory effect[85] IC_{50} 13.13 ± 3.99 μM	NA	

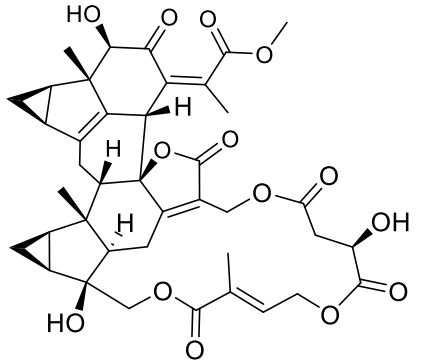
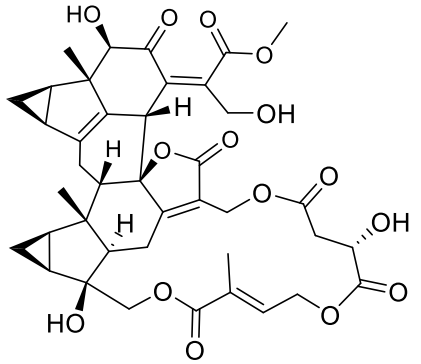
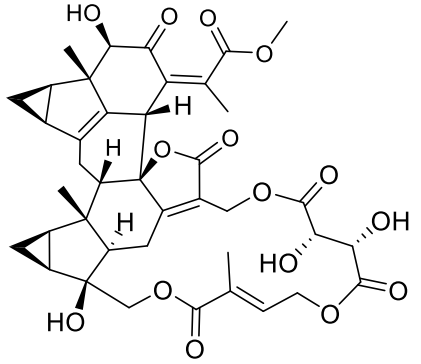
388	Sarcanolide A	*S. hainanensis*[152]	NA	NA	
389	Sarcanolide B	*S. hainanensis*[152]	NA	NA	
390	Sarglafuran A	*S. glabra*[153]	NA	NA	

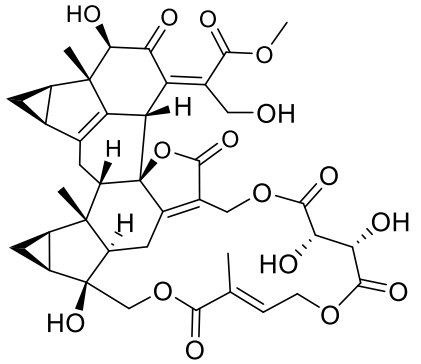
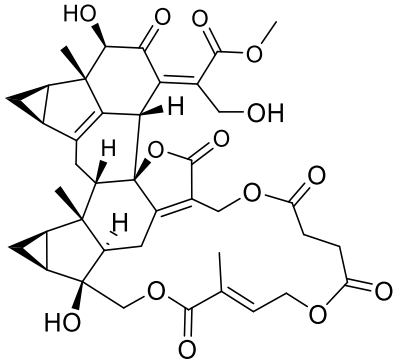
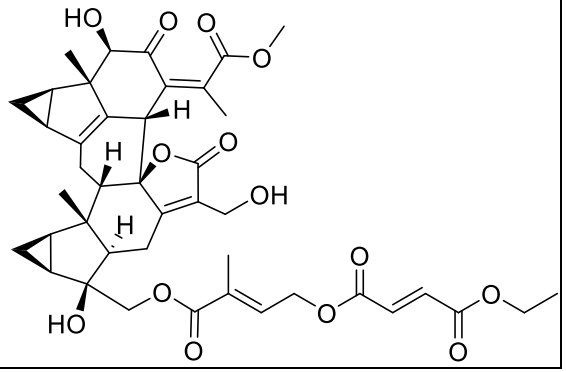
391	Sarcanolide C	*S. glabra*[154]	Anti-inflammatory effect[154] IC_{50} 16.60 ± 0.13 μM	NA	
392	Sarcanolide D	*S. glabra*[154]	Anti-inflammatory effect[154] IC_{50} 13.43 ± 0.34 μM	NA	
393	Sarcanolide E	*S. glabra*[154]	Anti-inflammatory effect[154] IC_{50} 17.19 ± 0.31 μM	NA	

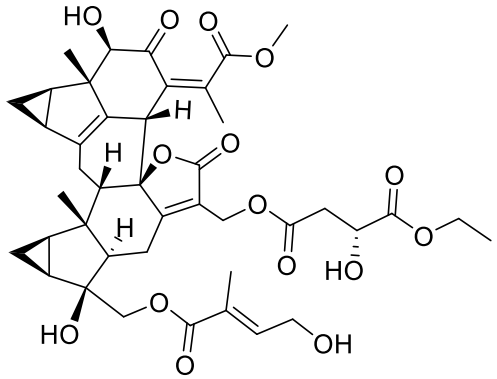
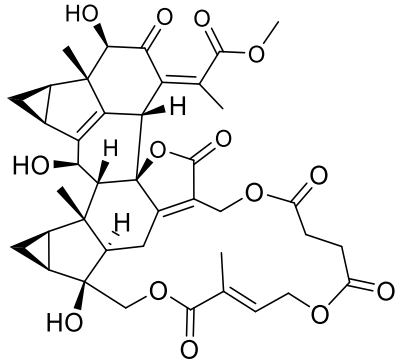
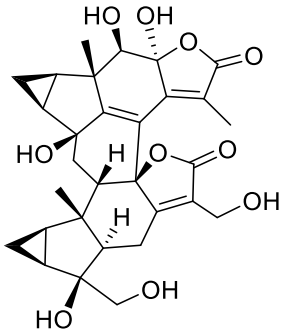
394	Sarcandrolide C	*S. glabra*[43]	Antitumor effect[43] A549 IC_{50} 4.7 μM HL-60 IC_{50} 8.5 μM	NA	
395	Sarcandrolide F	*S. glabra*[47]	a. Antitumor effect[47] HL-60 IC_{50} 0.03 μM b. Inhibition on HIV-1 and HCV replication[131]	NA	
396	Sarcandrolide G	*S. glabra*[47]	NA	NA	

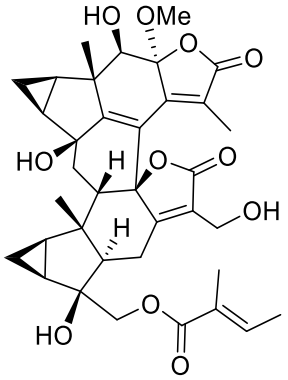
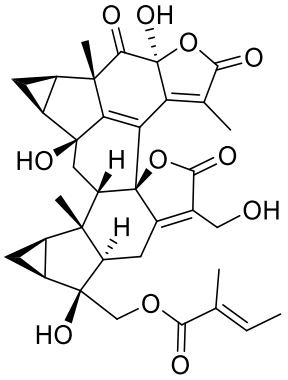
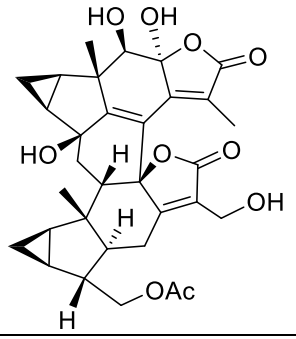
397	Sarcandrolide H	*S. glabra*[47]	Antitumor effect[47] HL-60 IC_{50} 1.2 μM	NA	
398	Sarcandrolide I	*S. glabra*[47]	NA	NA	
399	Chlorajaponilide F	*S. glabra*[131]	a. Inhibition on HIV-1 and HCV replication[131] b. Anti-inflammatory effect[83]	NA	

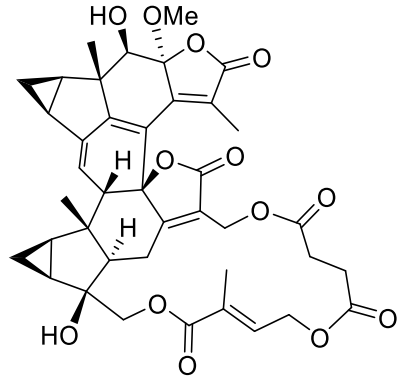
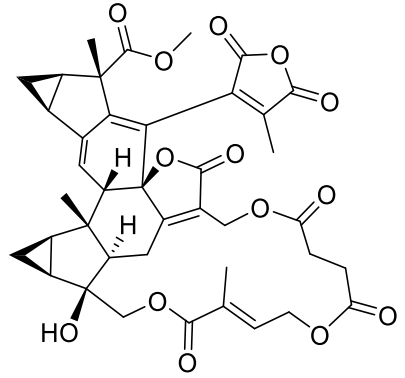
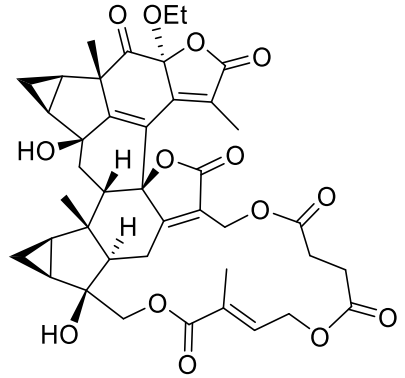
400	Sarcaglabrin B	*S. glabra*[142]	NA	NA	
401	Chlorajaponilide G	*S. glabra*[131]	Inhibition on HIV-1 replication[131]	NA	
402	Sarglabolide A	*S. glabra*[118]	Anti-inflammatory effect[118] IC_{50} 3.04 μM	NA	

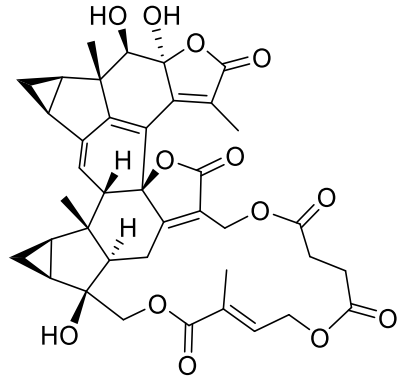
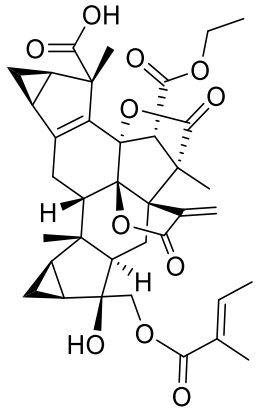
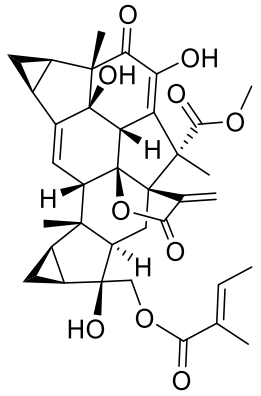
403	Sarglabolide B	*S. glabra*[118]	NA	NA	
404	Sarglabolide D	*S. glabra*[118]	NA	NA	
405	Sarglabolide E	*S. glabra*[118]	NA	NA	

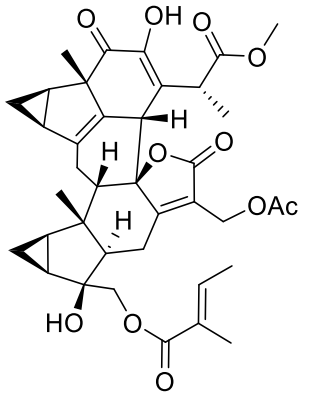
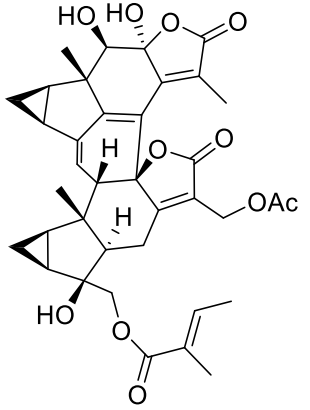
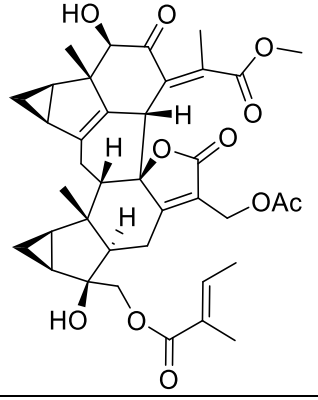
406	Sarglabolide F	*S. glabra*[118]	NA	NA	
407	Sarglabolide G	*S. glabra*[118]	NA	NA	
408	Sarglabolide H	*S. glabra*[118]	NA	NA	

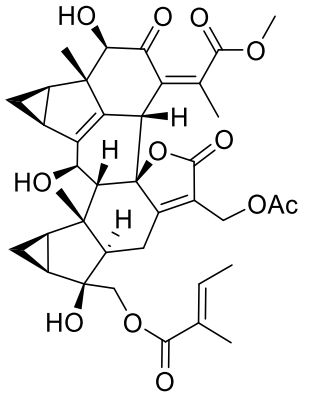
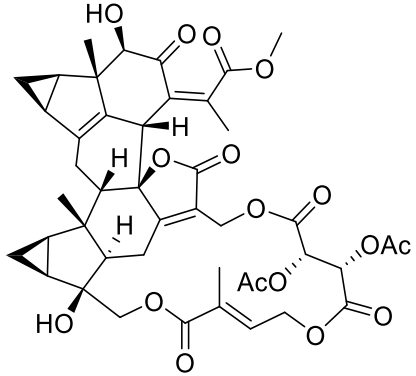
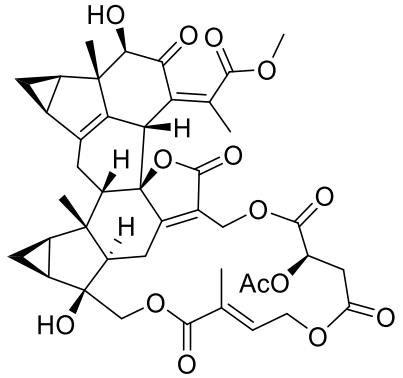
409	Sarglabolide K	*S. glabra*[118]	NA	NA	
410	Chloramultiol A	*C. multistachys*[155]	NA	NA	
411	Chloramultiol B	*C. multistachys*[155]	NA	NA	

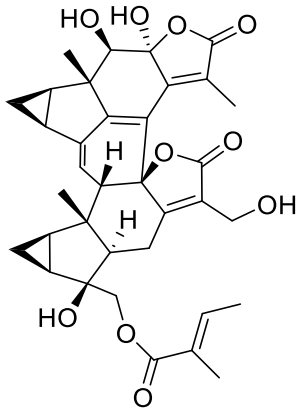
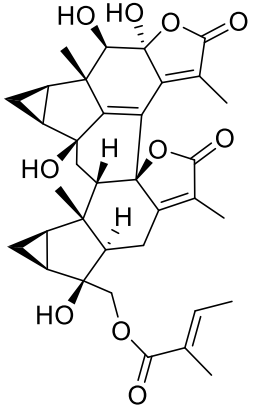
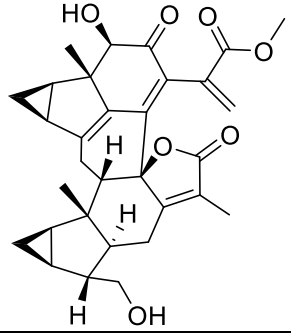
412	Chloramultiol C	*C. multistachys*[155]	NA	NA	
413	Chloramultiol D	*C. multistachys*[155]	NA	NA	
414	Chloramultiol E	*C. multistachys*[155]	NA	NA	

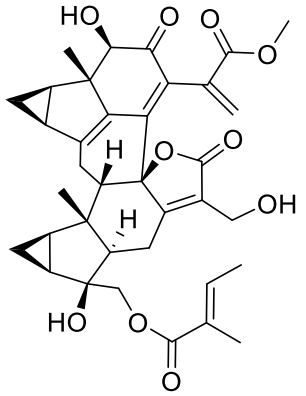
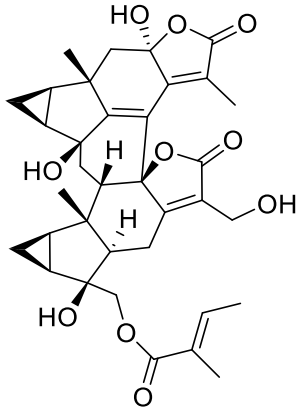
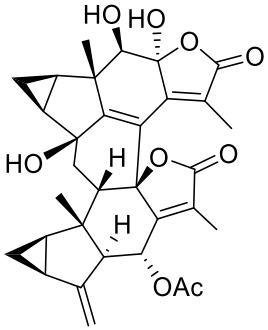
415	Chloramultiol F	*C. multistachys*[155]	NA	NA	
416	Chloramultiol G	*C. multistachys*[71]	NA	NA	
417	8-*O*-Ethylspicachlorantin A	*C. serratus*[72]	NA	NA	

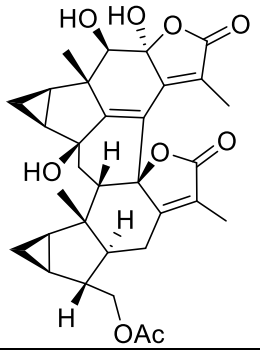
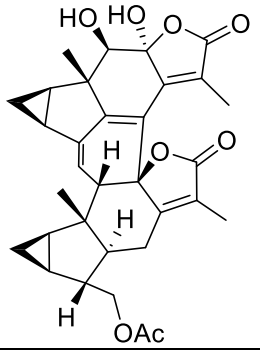
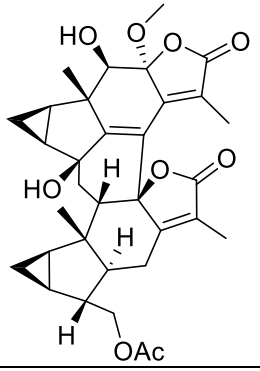
418	4,15-Dehydrochloramultilide B	*C. serratus*[72]	Anti-inflammatory effect[72] IC_{50} 0.22 μM	NA	
419	Sarglaroid A	*S. glabra*[156]	Anti-inflammatory effect[156] IC_{50} 19.8 μM	NA	
420	Sarglaroid B	*S. glabra*[156]	a. Anti-inflammatory effect[156] IC_{50} 1.92 μM[156] b. Antitumor effect MCF-7 IC_{50} 10.2 μM MDA-MB-231 IC_{50} 8.2 μM	NA	

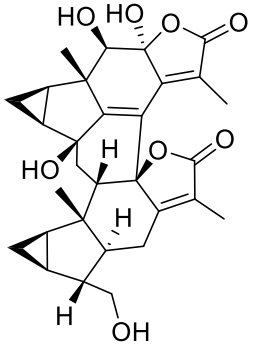
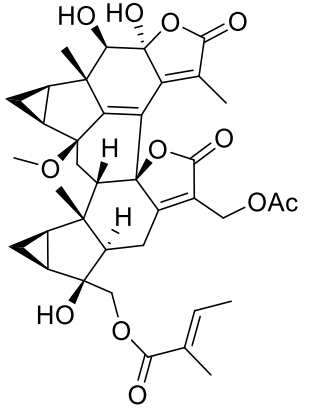
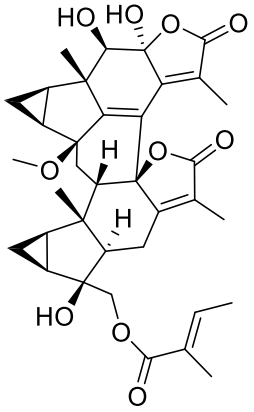
421	Sarglaroid C	*S. glabra*[156]	a. Anti-inflammatory effect[156] IC_{50} 1.77 μM b. Antitumor effect MCF-7 IC_{50} 9.5 μM MDA-MB-231 IC_{50} 5.4 μM	NA	
422	Sarglaroid D	*S. glabra*[156]	Anti-inflammatory effect[156] IC_{50} 3.04 μM	NA	
423	Sarglaroid E	*S. glabra*[156]	Anti-inflammatory effect[156] IC_{50} 29.3 μM	NA	

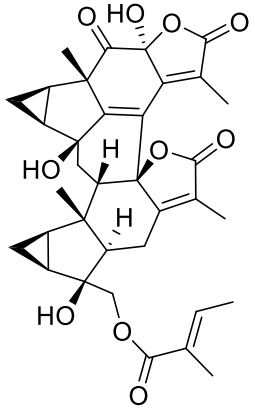
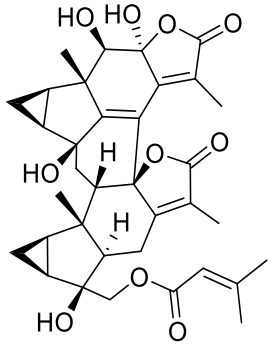
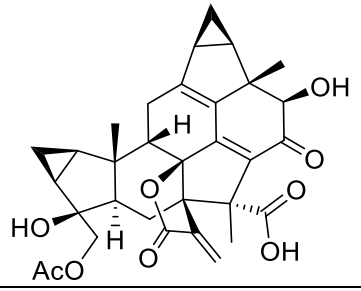
424	Sarglaroid F	*S. glabra*[156]	Inhibited LPS/ATP-induced IL-1β release in THP-1 cells[156]	NA	
425	Sarglaroid G	*S. glabra*[156]	NA	NA	
426	Sarglaroid H	*S. glabra*[156]	Anti-inflammatory effect[156] IC_{50} 13.9 μM	NA	

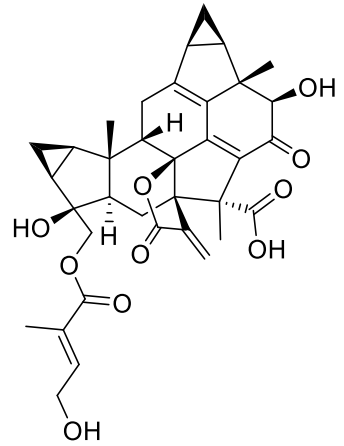
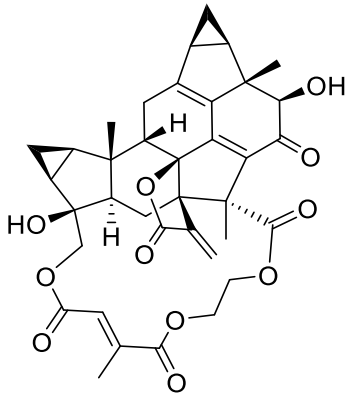
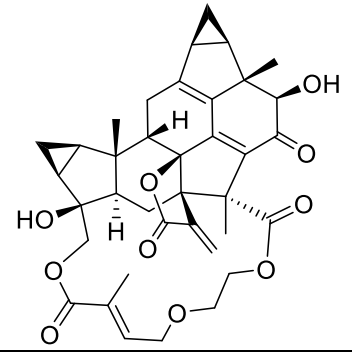
427	Chloranholide F	*C. holostegius*[124]	NA	NA	
428	Chloranholide G	*C. holostegius*[124]	NA	NA	
429	Chloranholide H	*C. holostegius*[124]	NA	NA	

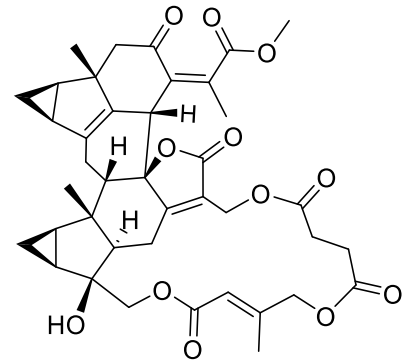
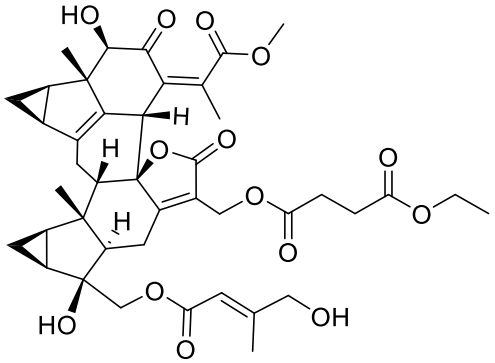
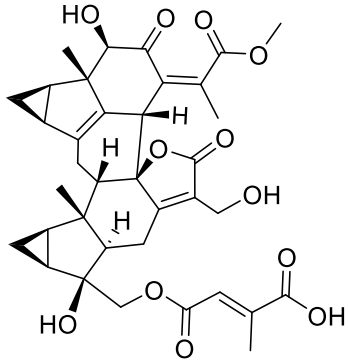
430	Chloranholide I	*C. holostegius*[124]	NA	NA	
431	Chloranholide J	*C. holostegius*[124]	NA	NA	
432	Chloranholide K	*C. holostegius*[124]	NA	NA	

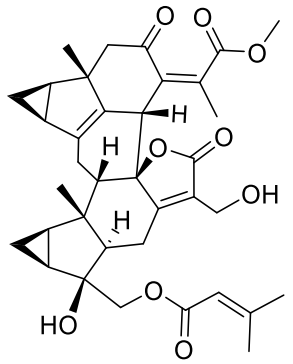
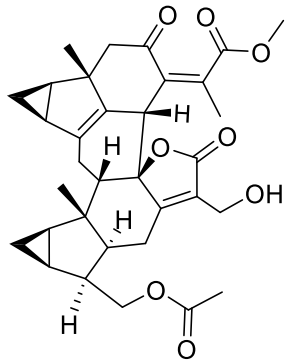
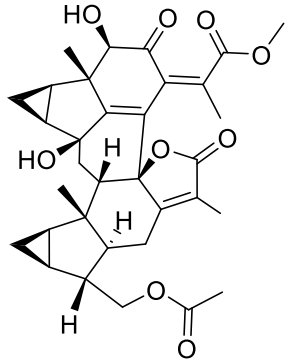
433	Chloranholide L	*C. holostegius*[124]	NA	NA	
434	Chloranholide M	*C. holostegius*[124]	NA	NA	
435	Chloranholide N	*C. holostegius*[124]	NA	NA	

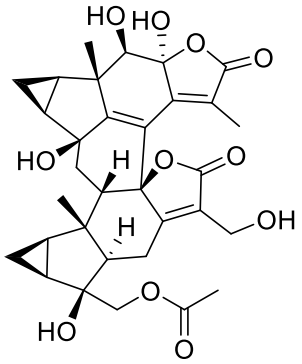
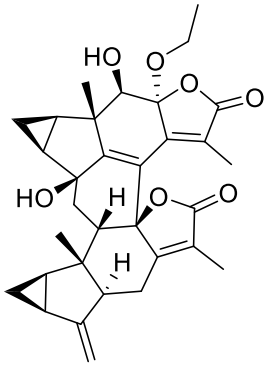
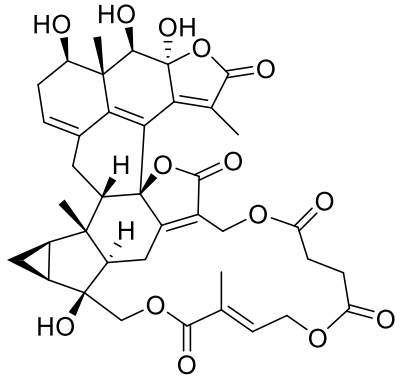
436	Chloranholide O	*C. holostegius*[124]	NA	NA	
437	Chloranholide P	*C. holostegius*[124]	NA	NA	
438	Chloranholide Q	*C. holostegius*[124]	NA	NA	

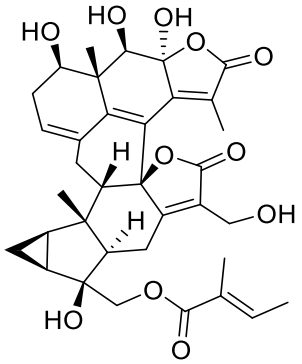
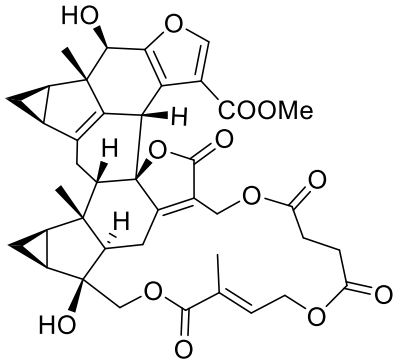
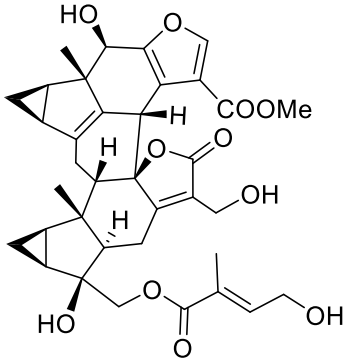
439	Chloranholide R	*C. holostegius*[124]	NA	NA	
440	Chloranholide S	*C. holostegius*[124]	NA	NA	
441	Chlojaponilide A	*C. japonicus*[135]	NA	NA	

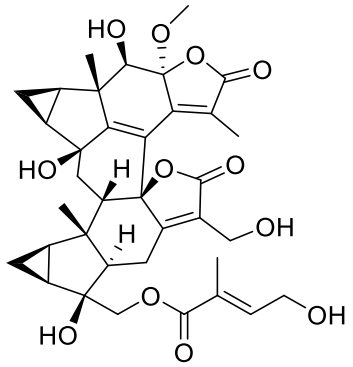
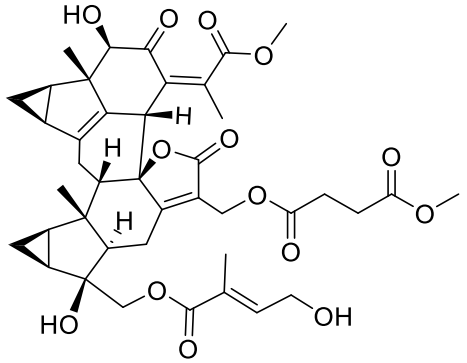
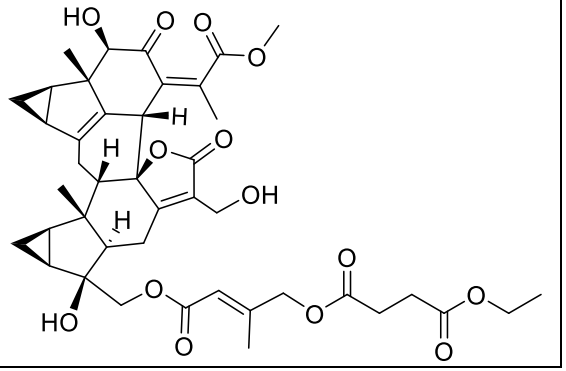
442	Chlojaponilide B	*C. japonicus*[135]	NA	NA	
443	Chlojaponilide C	*C. japonicus*[135]	NA	NA	
444	Chlojaponilide D	*C. japonicus*[135]	NA	NA	

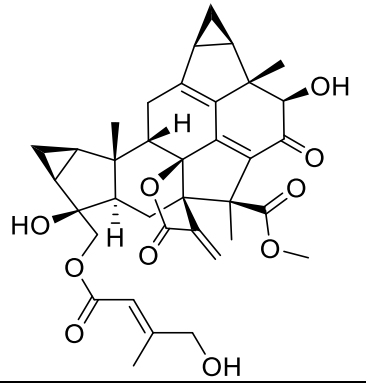
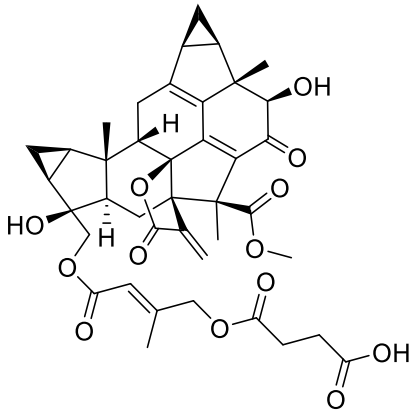
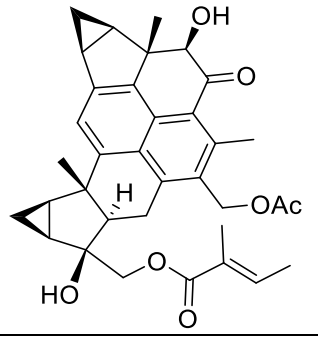
445	Chlojaponilide E	*C. japonicus*[135]	NA	NA	
446	Chlojaponilide F	*C. japonicus*[135]	NA	NA	
447	Chlojaponilide G	*C. japonicus*[135]	NA	NA	

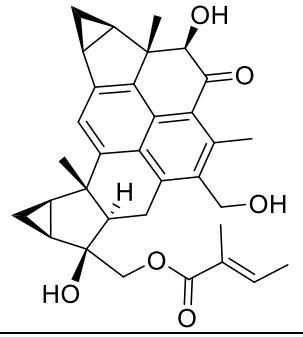
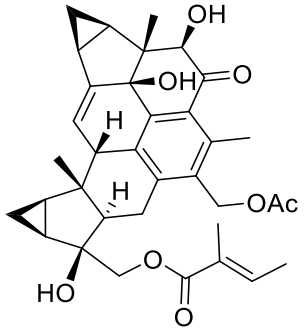
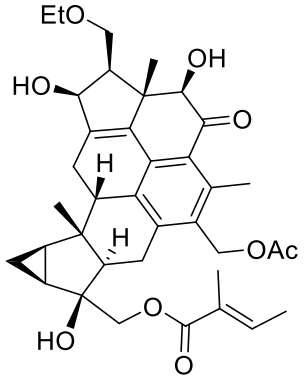
448	Chlojaponilide H	*C. japonicus*[135]	NA	NA	
449	Chlojaponilide I	*C. japonicus*[135]	NA	NA	
450	Chlojaponilide J	*C. japonicus*[135]	NA	NA	

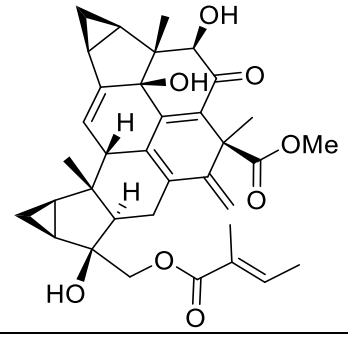
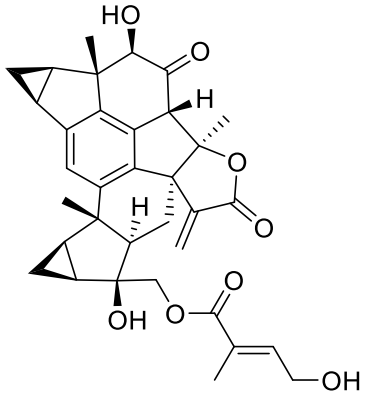
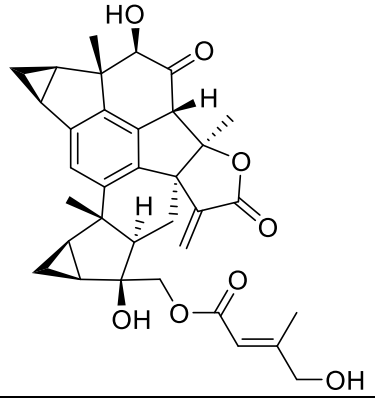
451	Chlojaponilide K	*C. japonicus*[135]	NA	NA	
452	Chlojaponilide L	*C. japonicus*[135]	NA	NA	
453	Chlorahupetol A	*C. henryi var. hupehensis*[83]	NA	NA	

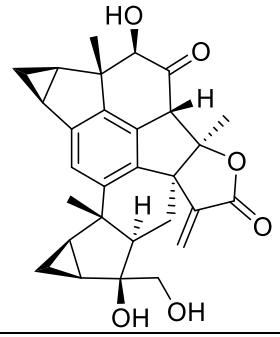
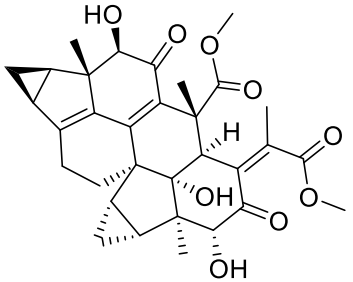
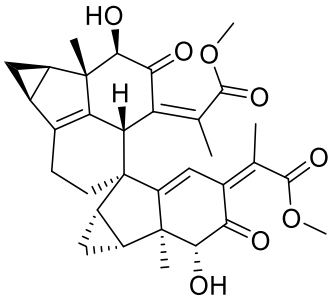
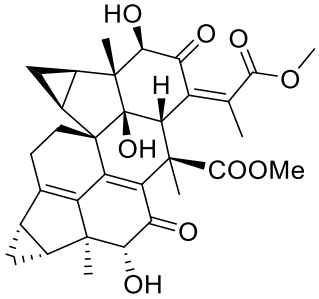
454	Chlorahupetol B	*C. henryi var. hupehensis*[83]	NA	NA	
455	Chlorahupetol C	*C. henryi var. hupehensis*[83]	NA	NA	
456	Chlorahupetol D	*C. henryi var. hupehensis*[83]	NA	NA	

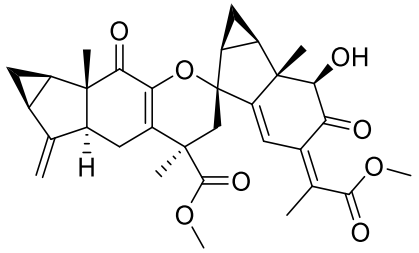
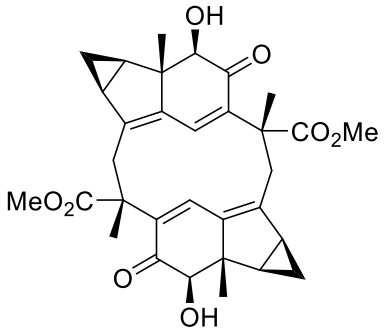
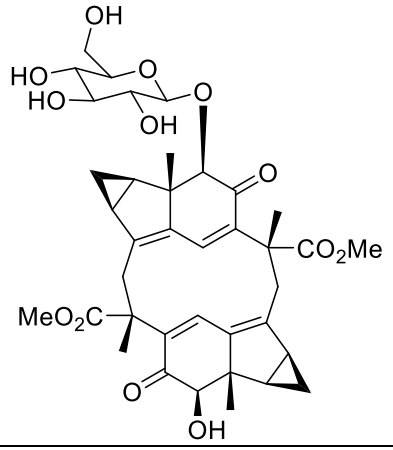
457	Chlorahupetol E	*C. henryi var. hupehensis*[83]	NA	NA	
458	Chlorahupetol F	*C. henryi var. hupehensis*[83]	NA	NA	
459	Fortunilide M	*C. fortunei*[157]	Anti-inflammatory effect IC_{50} 13.43 ± 0.34 μM	NA	

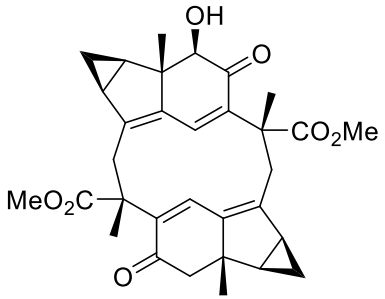
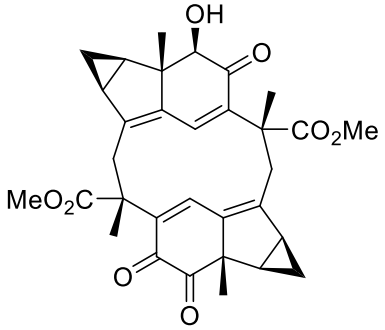
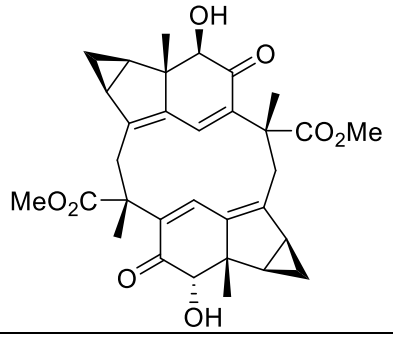
460	Fortunilide N	*C. fortunei*[157]	Anti-inflammatory effect IC_{50} 12.26 ± 2.43 μM	NA	
461	Fortunilide O	*C. fortunei*[157]	Anti-inflammatory effect IC_{50} 10.65 ± 1.34 μM	NA	
462	Sarglaromatic A	*S. glabra*[158]	Anti-nonalcoholic steatohepatitis effect[158]	NA	

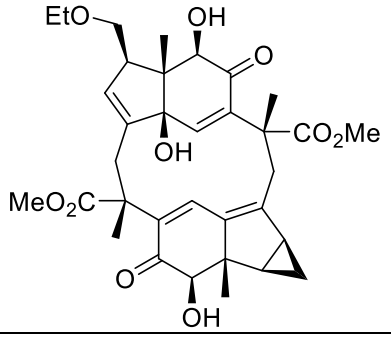
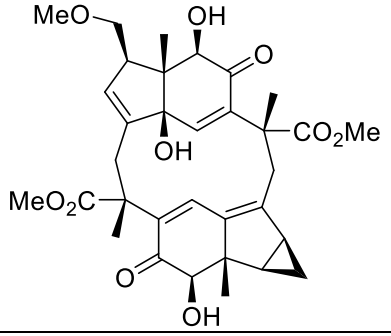
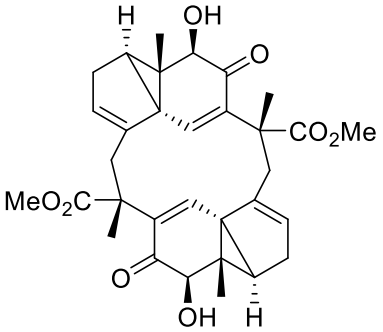
463	Sarglaromatic B	*S. glabra*[158]	Anti-nonalcoholic steatohepatitis effect[158]	NA	
464	Sarglaromatic C	*S. glabra*[158]	NA	NA	
465	Sarglaromatic D	*S. glabra*[158]	NA	NA	

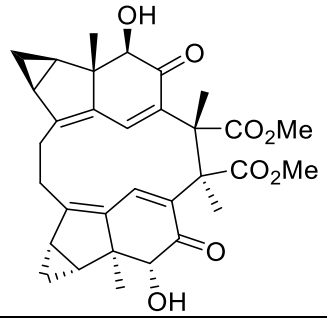
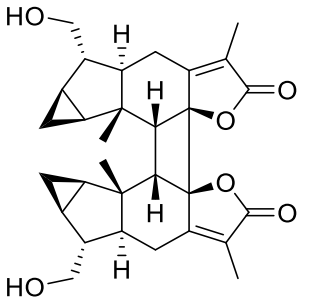
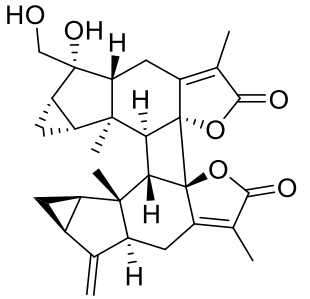
466	Sarglaromatic E	*S. glabra*[158]	NA	NA	
467	Chlorahupetone G	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 0.43 μM U87 IC_{50} 3.45 μM SMMC-7721 IC_{50} 8.71 μM	NA	
468	Chlorahupetone H	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 0.94 μM U87 IC_{50} 7.96 μM SMMC-7721 IC_{50} 13.37 μM	NA	

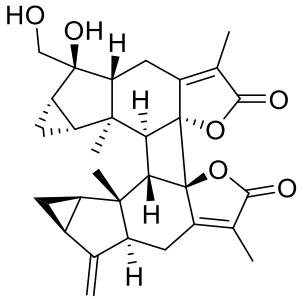
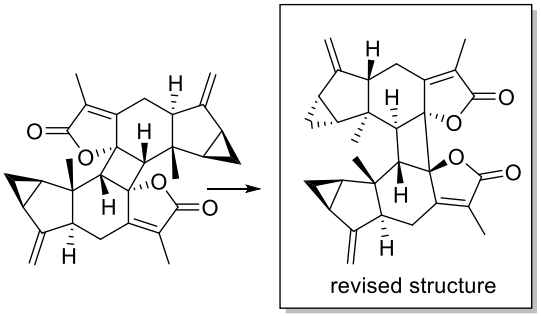
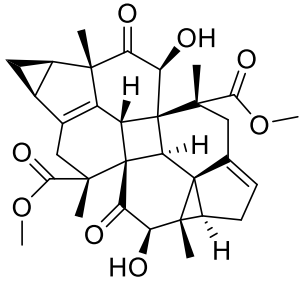
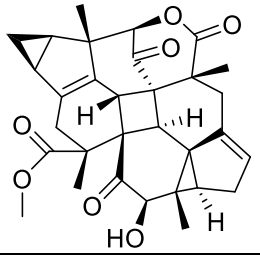
469	Chlorahupetone I	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 3.15 μM U87 IC_{50} 16.23 μM SMMC-7721 IC_{50} 18.54 μM	NA	
470	Chlotrichene A	*C. holostegius*[160]	Synergetic cytotoxicity with doxorubicin on U2 OS cells[160] Combined index (50%) 1.12 ± 0.07	NA	
471	Chlotrichene B	*C. holostegius*[160]	Synergetic cytotoxicity with doxorubicin on U2 OS cells[160] Combined index (50%) 0.94 ± 0.03	Synthesized from **R62** that is accessible from (+)-verbenone (**R20**),[140] [4 + 2]-dimerization of key triene **R62** under simulated physiological condition, Scheme 12	
472	Chloraserrtone A	*C. serratus*[161]	NA	NA	

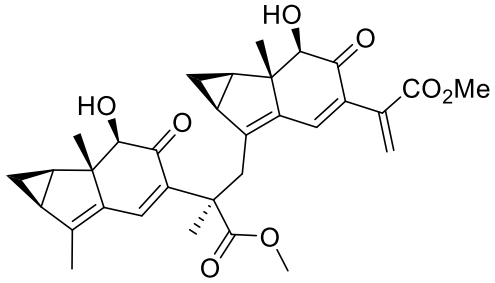
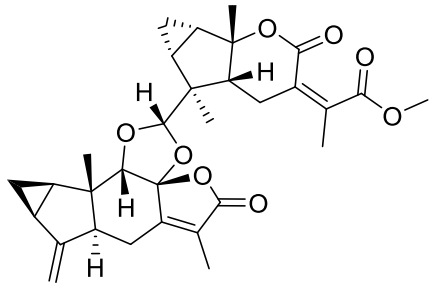
473	Spirolindemer A	*C. henryi*[162]	Anti-inflammatory effect[162] IC_{50} 12.94 ± 0.30 μM	NA	
III-a2. [6 + 6]-Cycloaddition type (474–482)					
474	Cycloshizukaol A	*C. serratus*[163]	Anti-atherosclerotic effect[134]	Synthesized from **R62** that is accessible from (+)-verbenone (**R20**),[140] [4 + 2]-dimerization of key triene **R62** under simulated physiological condition and rearrangement, Scheme 12	
475	9-*O*-*β*-D-Glucopyranosylcycloshizukaol A	*C. fortunei*[35]	NA	NA	

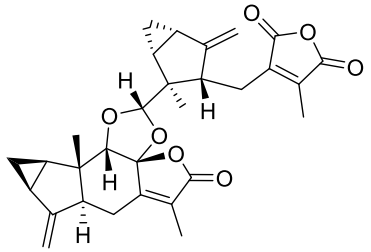
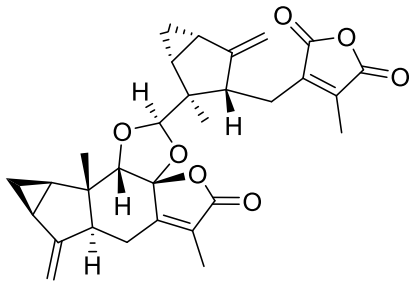
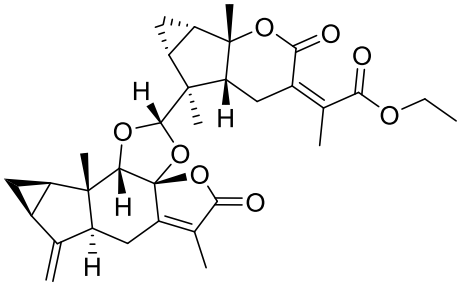
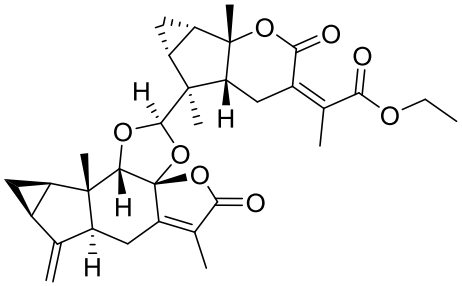
476	Japonicone A The name is repeated for three different compounds[164-166]	*C. japonicus*[166]	NA	NA	
477	Japonicone B The name is repeated for three different compounds[164-166]	*C. fortunei*[166]	NA	NA	
478	Japonicone C The name is repeated for three different compounds[164-166]	*C. japonicus*[166]	NA	NA	

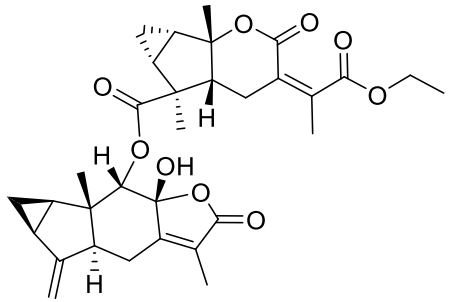
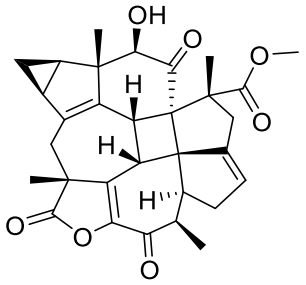
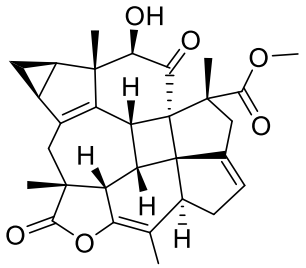
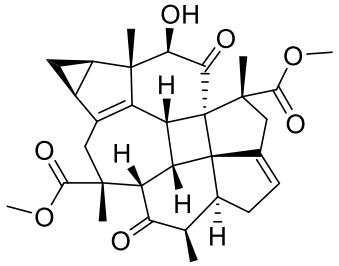
479	Chlospicene A	*C. henryi*[167]	Anti-nonalcoholic steatohepatitis effect[167]	NA	
480	Chlospicene B	*C. henryi*[167]	Anti-nonalcoholic steatohepatitis effect[167]	NA	
481	Chlorahupetone F	*C. henryi* var. *hupehensis*[159]	NA	Synthesized from cycloshizukaol A (**474**),[140] double vinylcyclopropane-cyclopentene rearrangement, Scheme 12	

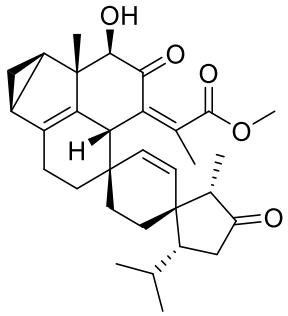
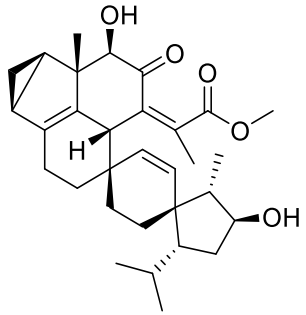
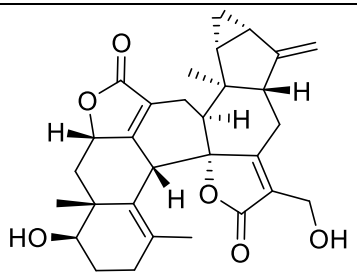
482	Chlojaponilide M	*C. japonicus*[135]	NA	NA	
III-a3. [2 + 2]-Cycloaddition type (483–486)					
483	Chololactone H	*C. holostegius*[149]	Anti-inflammatory effect[149] IC_{50} 4.4 ± 1.8 μM	NA	
484	Sarglalactone N	*S. glabra*[153]	NA	NA	

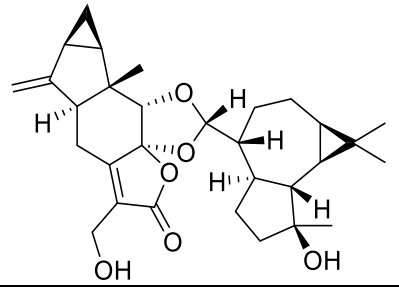
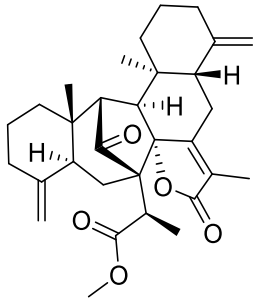
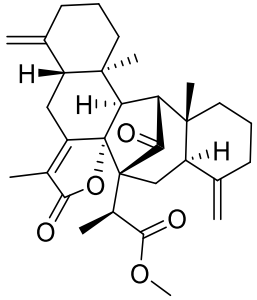
485	Sarglalactone O	*S. glabra*[153]	NA	NA	
486	Chloranthalactone A photodimer The structure was revised[24]	*C. japonicus*[168]	NA	Synthesized from chloranthalactone A (**19**),[11,24] [2 + 2] photodimerization, Scheme 5	
III-a4. [6 + 6] and [2 + 2]-Cycloaddition type (487–488)					
487	Chlorahupetone D	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 32.27 μM U87 IC_{50} >50 μM SMMC-7721 IC_{50} >50 μM	NA	
488	Chlorahupetone E	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 15.18 μM U87 IC_{50} 28.85 μM SMMC-7721 42.21 μM	NA	

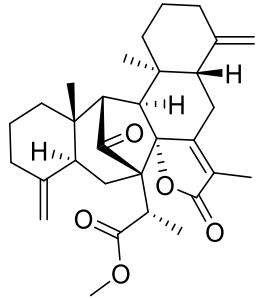
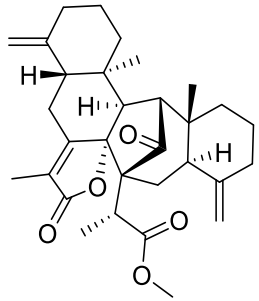
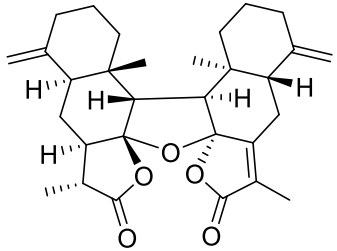
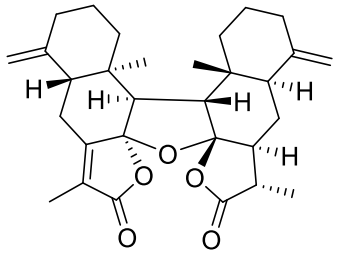
III-a5. Linear-type (489–495)					
489	Shizukaol J	*C. japonicus*[169]	NA	a. Synthesized from key intermediate **R53** that is accessible from propionyl chloride (**R48**) and methacrolein (**R49**),[170] Corey–Chaykovsky cyclopropanation, olefin metathesis, aldol condensation, and Pd-catalyzed Stille coupling, Scheme 11 b. Synthesized from **R62** that that is accessible from (+)-verbenone (**R20**),[140] [4 + 2]-dimerization of key triene **R62** under simulated physiological condition and rearrangement, Scheme 12	
490	Chlojapolactone A	*C. japonicus*[171]	Anti-inflammatory effect[171] IC_{50} 14.87 μM	NA	

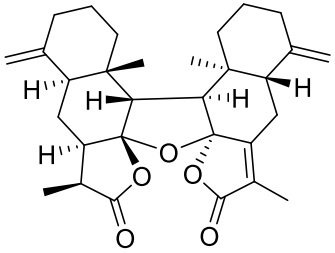
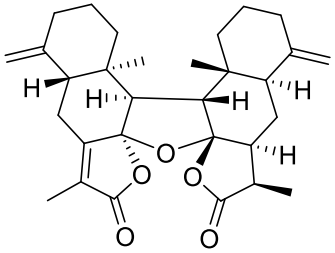
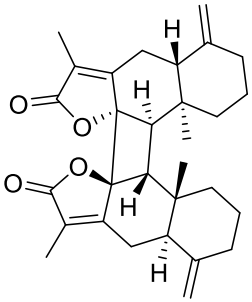
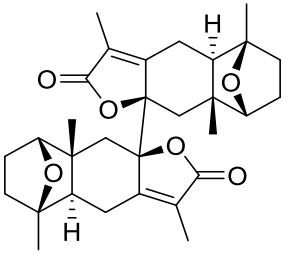
491	Sarglalactone D	*S. glabra*[53]	Multidrug resistance reversal effect[53] Reversal fold 22.3 Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.68 ± 0.06	NA	
492	Sarglalactone E	*S. glabra*[53]	Multidrug resistance reversal effect[53] Reversal fold 11.8 Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.97 ± 0.06	NA	
493	Sarglalactone F	*S. glabra*[53]	Multidrug resistance reversal effect[53] Reversal fold 45.2 Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.80 ± 0.06	NA	
494	Sarglalactone G	*S. glabra*[53]	Multidrug resistance reversal effect[53] Reversal fold 129.2 Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.65 ± 0.08	NA	

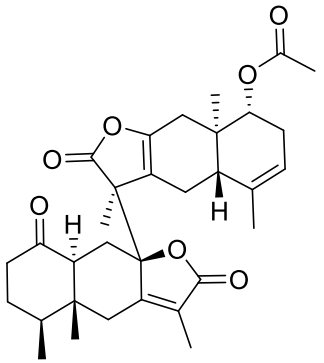
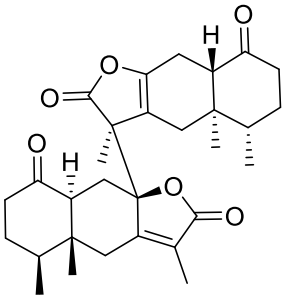
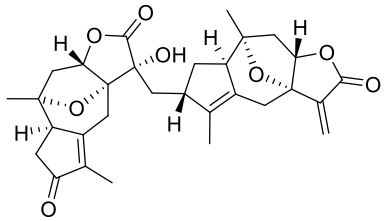
495	Sarglalactone H	*S. glabra*[53]	Multidrug resistance reversal effect[53] Reversal fold 19.3 Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.65 ± 0.05	NA	
III-b. Lindenane hetero dimers (496–438) **III-b1. Lindenane-guaiane sesquiterpenoid dimers (496–498)**					
496	Chlorahupetone A	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 12.91 μM U87 IC_{50} 9.82 μM SMMC-7721 IC_{50} 26.31 μM	NA	
497	Chlorahupetone B	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 18.69 μM U87 IC_{50} 26.36 μM SMMC-7721 IC_{50} >50 μM	NA	
498	Chlorahupetone C	*C. henryi* var. *hupehensis*[159]	Antitumor effect[159] A549 IC_{50} 38.76 μM U87 IC_{50} >50 μM SMMC-7721 IC_{50} >50 μM	NA	

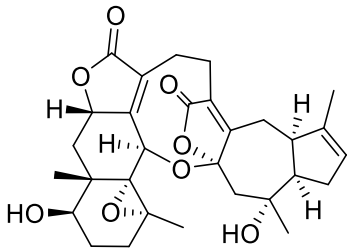
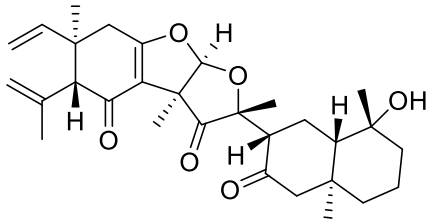
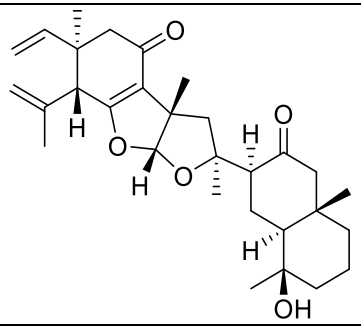
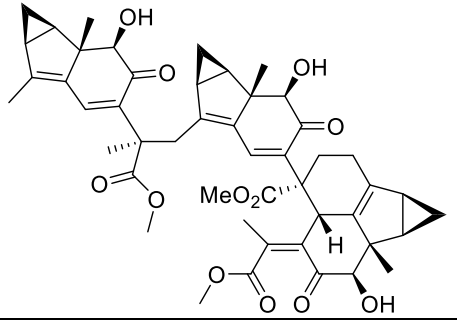
III-b2. Lindenane-acrane sesquiterpenoid dimers (499–500)					
499	Chlorfortunone A	*C. fortunei*[172]	Transforming growth factor inhibitory effect[172]	NA	
500	Chlorfortunone B	*C. fortunei*[172]	NA	NA	
III-b3. Lindenane-eudesmane sesquiterpenoid dimer (501)					
501	Horienoid B	*H. orientale*[18]	NA	NA	
III-b4. Lindenane-aromadendrane sesquiterpenoid dimer (502)					

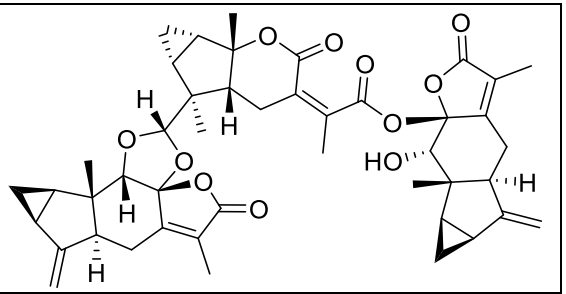
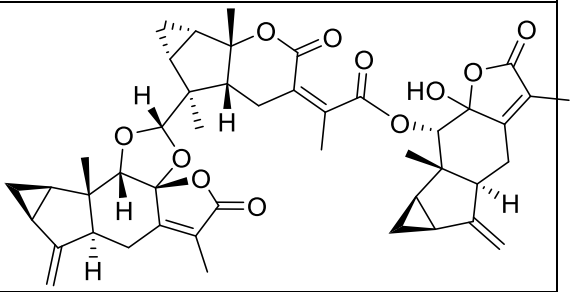
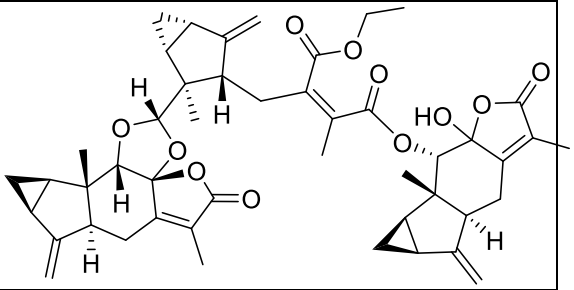
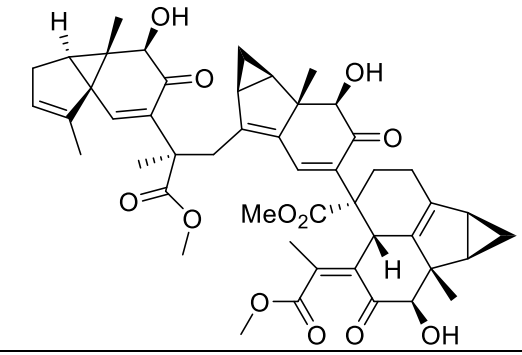
502	Hedyorienoid A	*H. orientale*[173]	NA	NA	
III-c. Dimeric eudesmane sesquiterpenoids (503–512)					
503	(+)-Chlorahupetene A	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 12.91 μM	NA	
504	(−)-Chlorahupetene A	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 9.62 μM	NA	

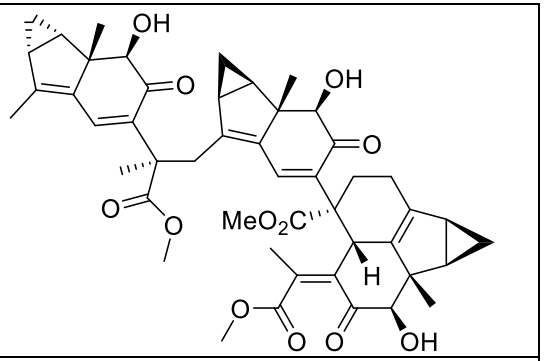
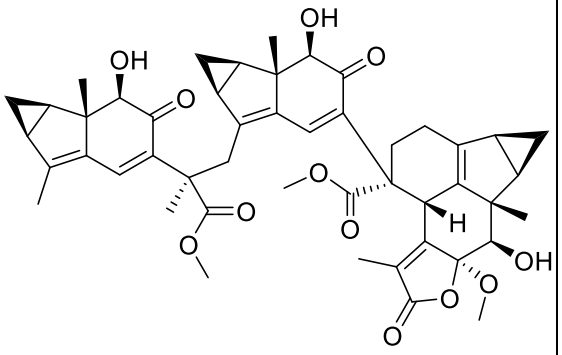
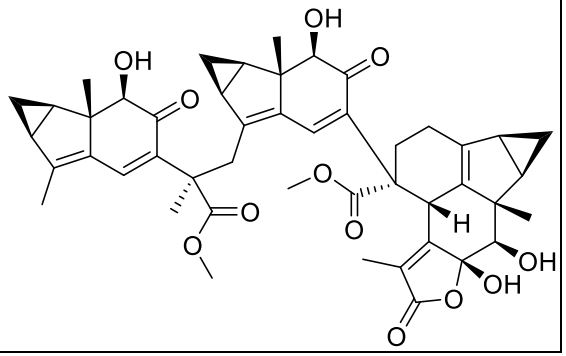
505	(+)-Chlorahupetene B	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 12.31 μM	NA	
506	(−)-Chlorahupetene B	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 11.89 μM	NA	
507	(+)-Chlorahupetene C	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 10.07 μM	NA	
508	(−)-Chlorahupetene C	*C. henryi* Var. *hupehensi*[174]	Anti-inflammatory effect[174] IC_{50} 10.87 μM	NA	

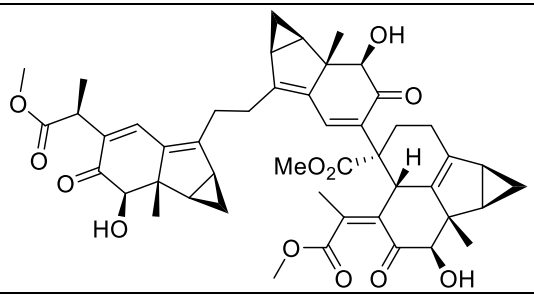
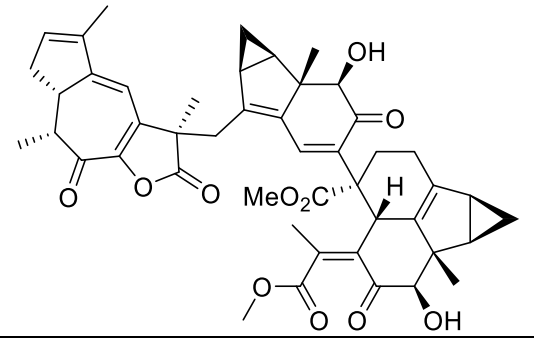
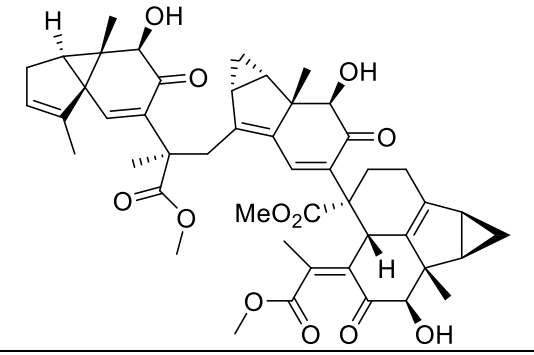
509	(+)-Chlorahupetene D	*C. henryi* Var. *hupehensi*[174]	NA	NA	
510	(−)-Chlorahupetene D	*C. henryi* Var. *hupehensi*[174]	NA	NA	
511	Chlorahupetene E	*C. henryi var. hupehensis*[83]	Anti-inflammatory effect[83]	NA	
512	Sarglanoid C The name is repeated for two different compounds[60,66]	*S. glabra*[60]	Anti-inflammatory effect[60] IC_{50} 25.7 ± 0.2 μM	NA	
III-d. Eudesmane-eremophilane sesquiterpenoid dimer (513)					

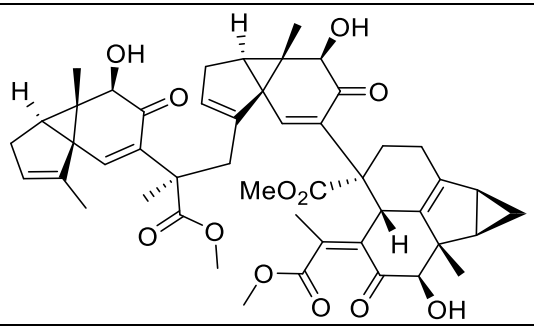
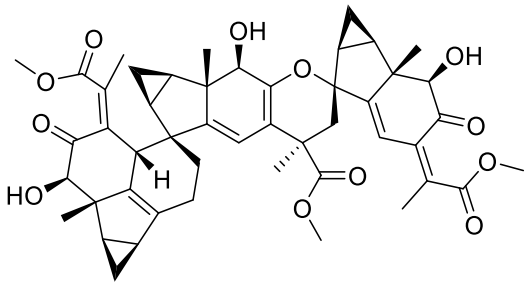
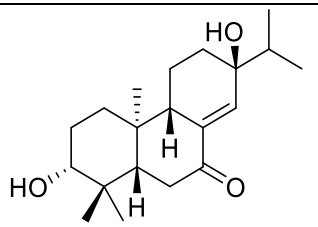
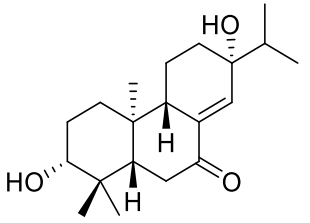
513	Sarglanoid A	*S. glabra*[60]	NA	NA	
III-e. Dimeric eremophilane sesquiterpenoid (514)					
514	Sarglanoid B	*S. glabra*[60]	NA	NA	
III-f. Dimeric guaiane sesquiterpenoid (515)					
515	Hedyorienoid B	*H. orientale*[173]	NF-κB inhibitory effect[18] IC_{50} 5.34 ± 2.21 μM	NA	
III-g. Eudesmane-guaiane sesquiterpenoid dimer (516)					

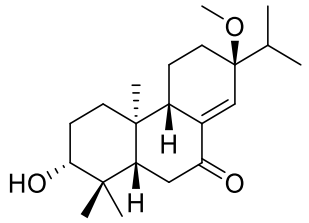
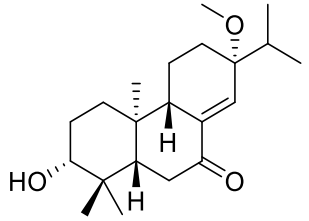
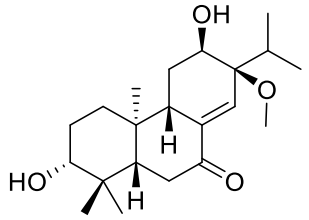
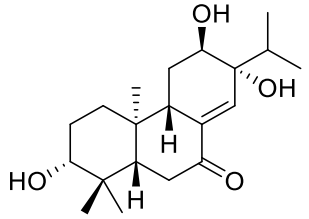
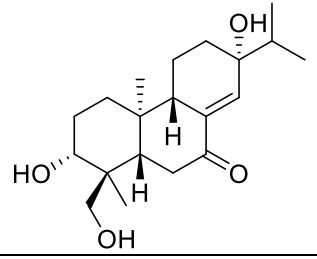
516	Horienoid A	*H. orientale*[18]	NA	NA	
III-h. Eudesmane-elemane sesquiterpenoid dimers (517–518)					
517	Serratustone A	*C. serratus*[175]	NA	NA	
518	Serratustone B	*C. serratus*[175]	NA	NA	
III-i. Trimeric sesquiterpenoids (519–531)					
519	Trishizukaol A	*C. japonicus*[169]	Anti-inflammatory effect[176] IC_{50} 10.40 ± 0.12 μM Antimalarial effect[177] IC_{50} 1.25–2.50 μM	a. Synthesized from trichloranoid C (**525**),[170] hydrolysis, Scheme 11 b. Synthesized from **R62** and shizukaol J (**489**),[140] biomimetic [4 + 2] dimerization, Scheme 12	

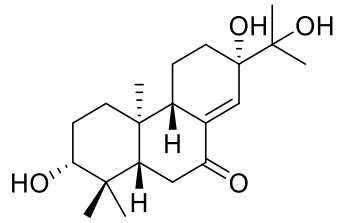
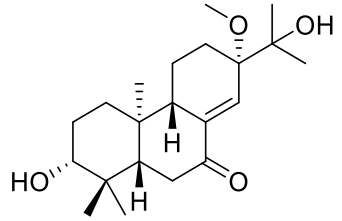
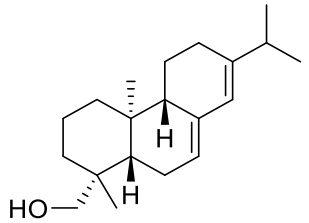
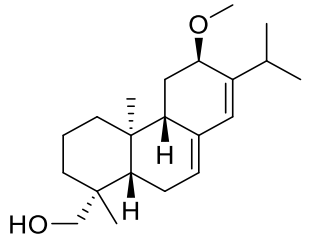
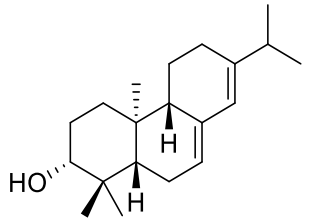
520	Sarglalactone A	*S. glabra*[53]	a. Multidrug resistance reversal effect[53] Reversal fold 55.8 b. Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.64 ± 0.08	NA	
521	Sarglalactone B	*S. glabra*[53]	Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.92 ± 0.06	NA	
522	Sarglalactone C	*S. glabra*[53]	Synergetic cytotoxicity with doxorubicin on U2 OS cells[53] Combined index (50%) 0.67 ± 0.07	NA	
523	Trichloranoid A	*C. spicatus*[177]	Anti-inflammatory effect[176] IC_{50} 2.90 ± 2.41 μM Antimalarial effect[177] EC_{50} 2.50–5.00 μM	NA	

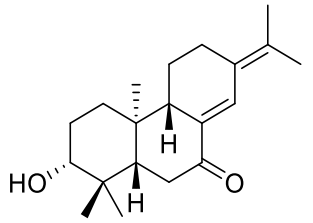
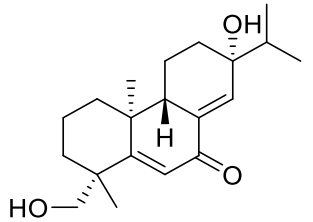
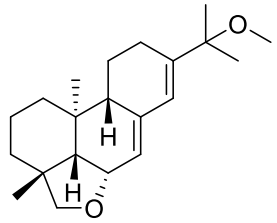
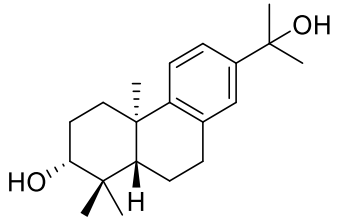
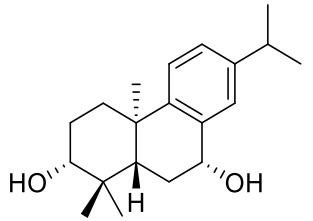
524	Trichloranoid B	*C. spicatus*[177]	Anti-inflammatory effect[176] IC_{50} 19.95 ± 0.45 μM	NA	
525	Trichloranoid C	*C. spicatus*[177]	NA	Synthesized from key intermediate **R53** that is accessible from propionyl chloride (**R48**) and methacrolein (**R49**),[170] Corey–Chaykovsky cyclopropanation, olefin metathesis, aldol condensation, Pd-catalyzed Stille coupling, and acid-promoted diene formation/[4 + 2] cascade, Scheme 11	
526	Trichloranoid D	*C. spicatus*[177]	Antimalarial effect[177] EC_{50} 10.0–15.0 μM	NA	

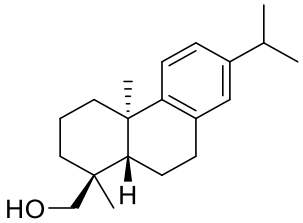
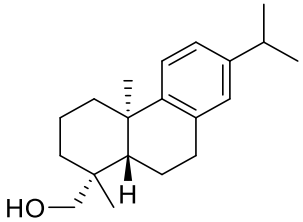
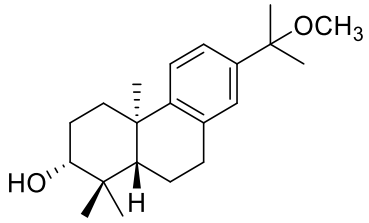
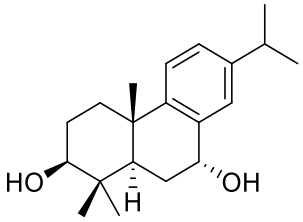
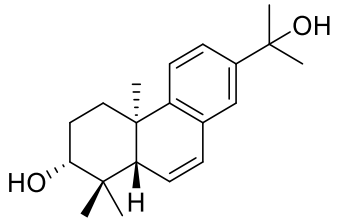
527	Chlofortunin A	*C. fortunei*[176]	Anti-inflammatory effect[176] IC_{50} 22.80 ± 0.72 μM	NA	
528	Chlofortunin B	*C. fortunei*[176]	Anti-inflammatory effect[176] IC_{50} 10.13 ± 0.12 μM	NA	
529	Chlofortunin C	*C. fortunei*[176]	Anti-inflammatory effect[176] IC_{50} 9.83 ± 0.01 μM	NA	

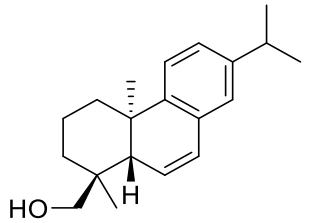
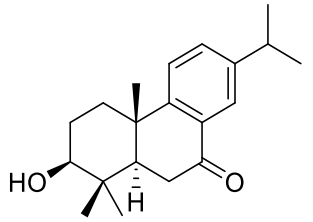
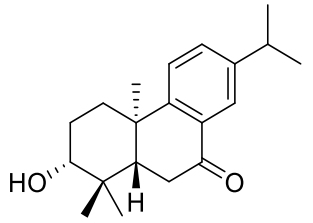
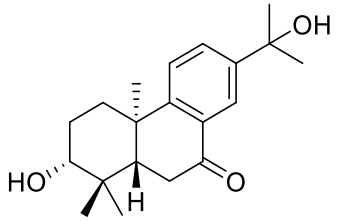
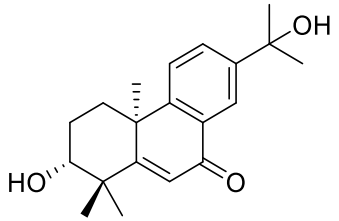
530	Chlofortunin D	*C. fortunei*[176]	Anti-inflammatory effect[176] IC_{50} 9.59 ± 0.03 μM	NA	
531	Spirolindemer B	*C. henryi*[162]	NA	NA	
IV. Diterpenoids (532–620) **IV-a. Abietane-type diterpenoids (532–558)**					
532	Sessilifol D	*C. sessilifolius*[178]	NA	NA	
533	Decandrin B	*C. henryi*[179]	NA	NA	

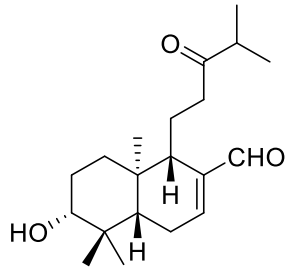
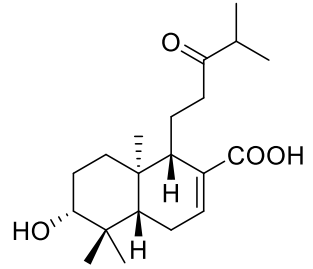
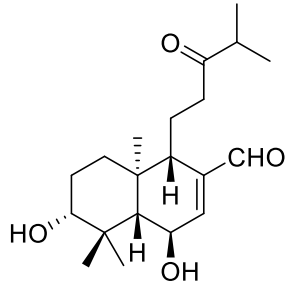
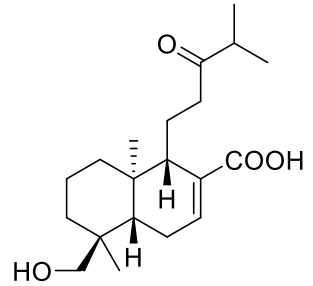
534	13-*O*-Methylsessilifol D	*C. henryi*[179]	NA	NA	
535	Sessilifol F	*C. sessilifolius*[178]	Anti-neuroinflammatory effect[178] IC_{50} 8.3 μM	NA	
536	Chloranhenryin B	*C. henryi*[179]	NA	NA	
537	Sessilifol H	*C. sessilifolius*[178]	Anti-neuroinflammatory effect[178] IC_{50} 37.7 μM	NA	
538	Sessilifol I	*C. sessilifolius*[178]	Anti-neuroinflammatory effect[178] IC_{50} 7.4 ± 0.8 μM	NA	

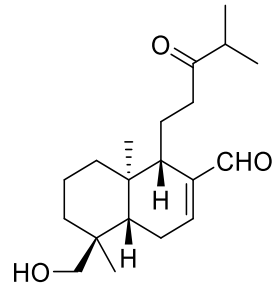
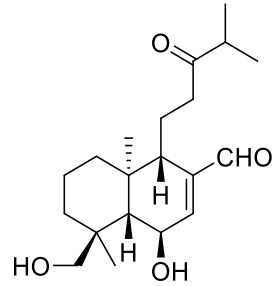
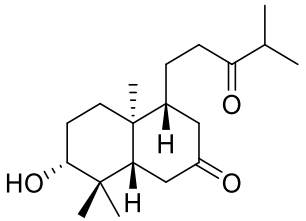
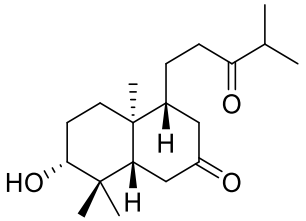
539	Sessilifol G	*C. sessilifolius*[178]	NA	NA	
540	15-Hydroxysessilifol F	*C. henryi*[179]	NA	NA	
541	19-Hydroxy-*ent*-abieta-7,13-diene	*C. oldhamii*[180]	NA	NA	
542	Chlorabietin G	*C. oldhamii*[181]	Anti-neuroinflammatory effect[181] IC_{50} 23.8 μM	NA	
543	3α-Hydroxy-*ent*-abieta-7,13-diene	*C. oldhamii*[182]	NA	NA	

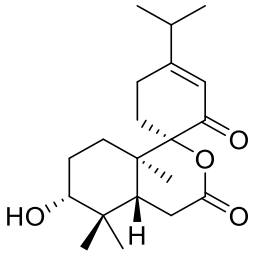
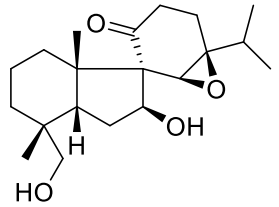
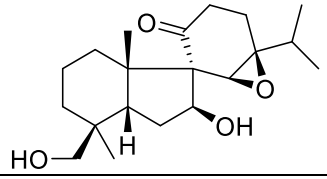
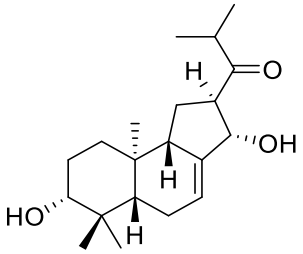
544	Chloranhenryin C	*C. henryi*[179]	NA	NA	
545	Chlorabietin H	*C. oldhamii*[181]	NA	NA	
546	Chlorabietin I	*C. oldhamii*[181]	NA	NA	
547	Sessilifol J	*C. sessilifolius*[178]	Anti-neuroinflammatory effect[178] IC_{50} 17.8 ± 1.8 μM	NA	
548	Sessilifol M	*C. sessilifolius*[178]	Anti-inflammatory effect[178] IC_{50} 43.9 ± 3.3 μM	NA	

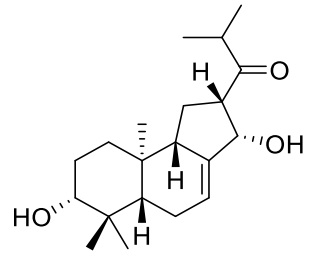
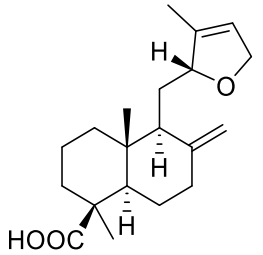
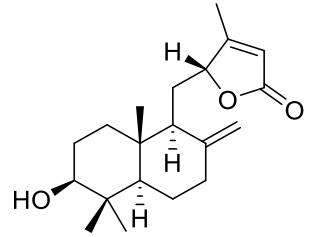
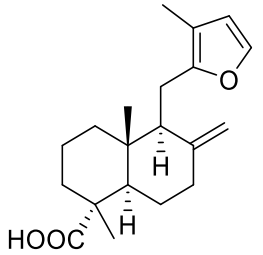
549	Chlorabietin J	*C. oldhamii*[181]	NA	NA	
550	Chlorabietin K	*C. oldhamii*[181]	NA	NA	
551	15-*O*-Methylsessilifol J	*C. henryi*[179]	NA	NA	
552	3β,7α-Dihydroxi-abieta-8,11,13-triene	*C. henryi*[179]	NA	NA	
553	Sessilifol K	*C. sessilifolius*[178]	NA	NA	

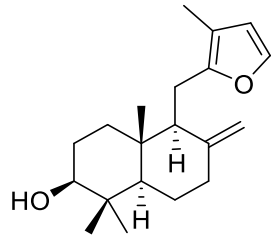
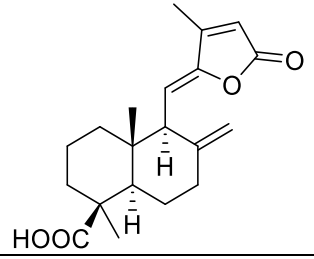
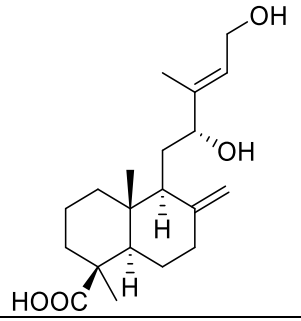
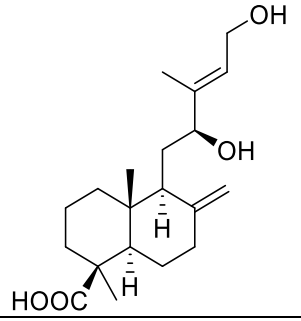
554	Chlorabietin L	*C. oldhamii*[181]	NA	NA	
555	3β-Hydroxy-abieta-8,11,13-trien-7-one	*C. henryi*[179]	NA	NA	
556	3α-Hydroxy-*ent*-abieta-8,11,13-trien-7-one	*C. oldhamii*[182]	NA	NA	
557	(3*R*,5*S*,10*R*)-3,15-Dihydroxy-*ent*-abieta-8,11,13-trien-7-one	*C. sessilifolius*[183]	NA	NA	
558	Sessilifol L	*C. sessilifolius*[178]	NA	NA	
IV-b. 13,14-Secoabietane-type diterpenoids (559–564)					

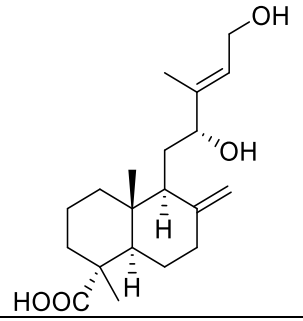
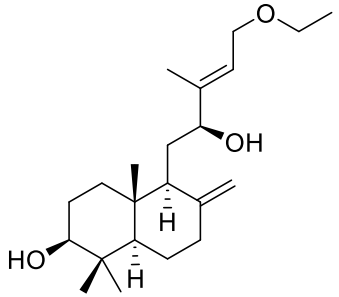
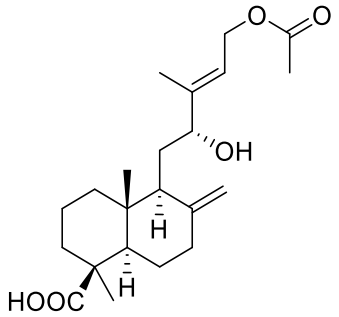
559	Chloranhenryin E	*C. henryi*[179]	NA	NA	
560	Chloranhenryin F	*C. henryi*[179]	NA	NA	
561	Sessilifol N	*C. sessilifolius*[178]	NA	NA	
562	Chlorabietin A	*C. oldhamii*[181]	NA	NA	

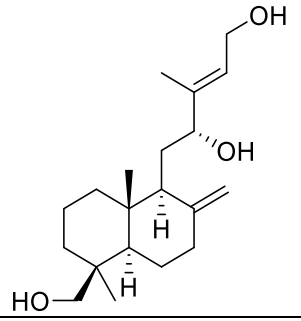
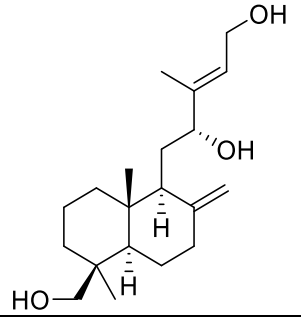
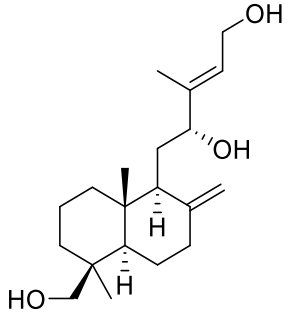
563	Chlorabietin B	*C. oldhamii*[181]	Anti-neuroinflammatory effect[181] IC_{50} 22.2 μM	NA	
564	Chlorabietin C	*C. oldhamii*[181]	Anti-neuroinflammatory effect[181] IC_{50} 16.4 μM	NA	
IV-c. 14-Norabietane-type diterpenoids (565–566)					
565	Sessilifol O	*C. sessilifolius*[178]	NA	NA	
566	Chloranhenryin D	*C. henryi*[179]	NA	NA	
IV-d. 7,8-Secoabietane-type diterpenoids (567)					

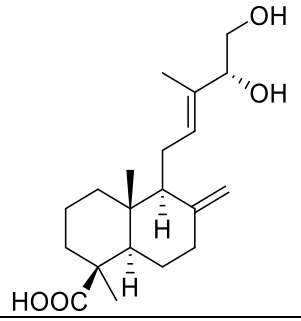
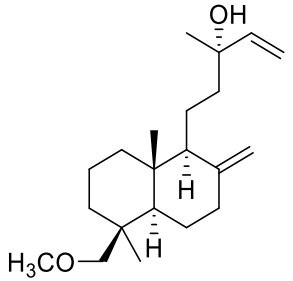
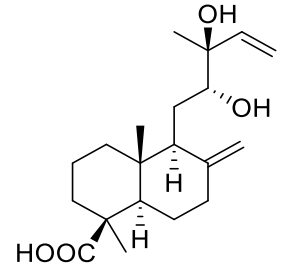
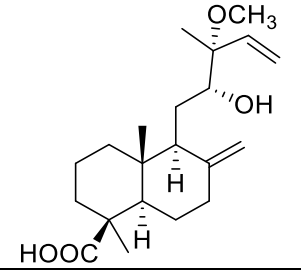
567	Sessilifol C	*C. sessilifolius*[178]	NA	NA	
IV-e. 10(9→8)-Abeoabietane-type diterpenoids (568–569)					
568	Chlorabietin D	*C. oldhamii*[181]	NA	NA	
569	Chlorabietin E	*C. oldhamii*[181]	NA	NA	
IV-f. 14(13→12)-Abeoabietane-type diterpenoids (570–571)					
570	Sessilifol A The name is repeated for two different compounds[178,184]	*C. sessilifolius*[178]	NA	NA	

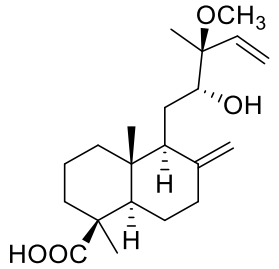
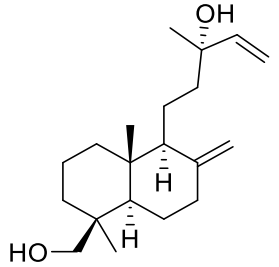
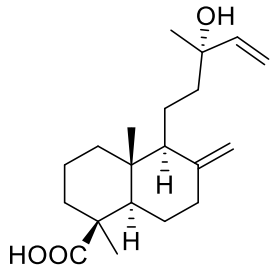
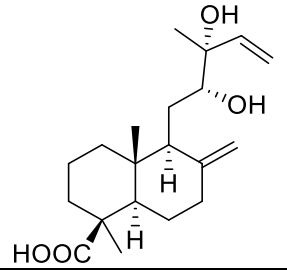
571	Sessilifol B The name is repeated for two different compounds[178,184]	*C. sessilifolius*[178]	NA	NA	
IV-g. Labdane-type diterpenoids (572–595)					
572	12,15-Epoxy-5αH,9βH-labda-8(17),13-dien-19-oic acid	*C. henryi*[78]	NA	NA	
573	Serralabdane B	*C. serratus*[185]	NA	NA	
574	Elatiorlabdane B	*C. elatior*[186]	NA	NA	

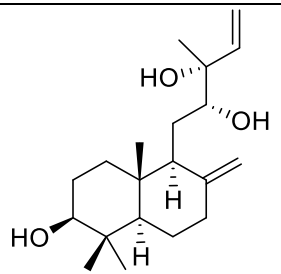
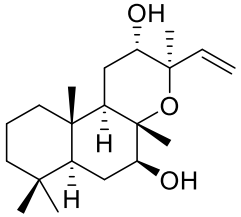
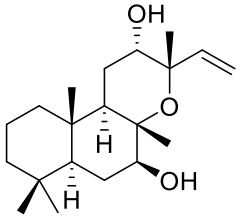
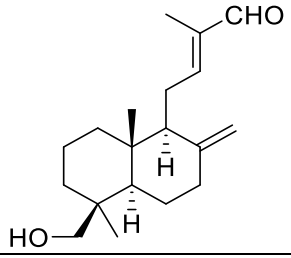
575	Serralabdane A	*C. serratus*[185]	NA	NA	
576	Multisin A	*C. multistachys*[54]	NA	NA	
577	Henrilabdane A	*C. henryi*[128]	a. Hepatoprotective effect[128] IC_{50} 0.66 μM b. Antitumor effect[128] HCT-8 IC_{50} 0.54 μM Bel-7402 IC_{50} 1.70 μM BGC-823 IC_{50} 5.76 μM	NA	
578	(12*S*)-12,15-Dihydroxylabda-8(17),13*E*-dien-19-oic acid	*C. henryi*[65]	NA	NA	

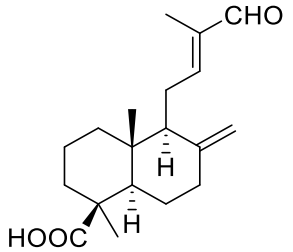
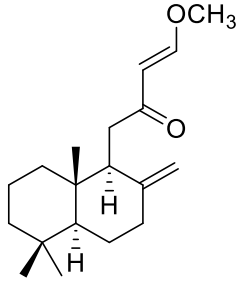
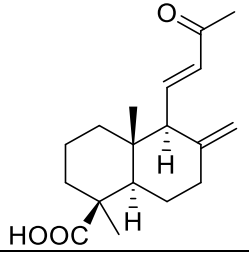
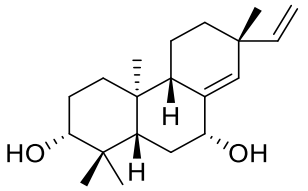
579	Elatiorlabdane C	*C. elatior*[186]	NA	NA	
580	Serralabdane D	*C. serratus*[185]	NA	NA	
581	(12*R*,13*E*)-15-Acetoxy-12-hydroxylabda-8(20),13-dien-19-oic acid	*C. anhuiensis*[81]	NA	NA	

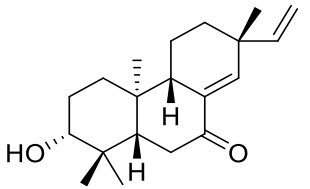
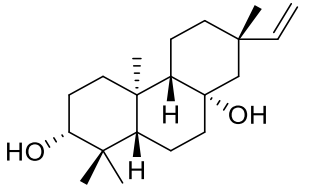
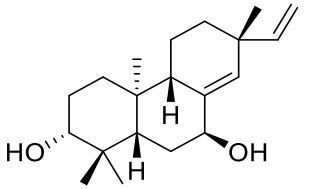
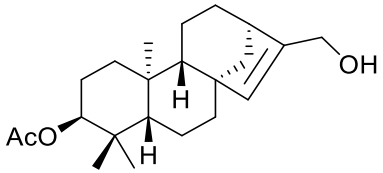
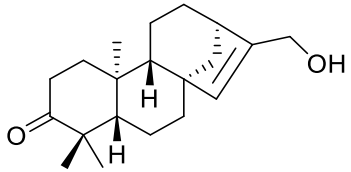
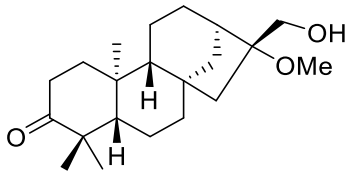
582	(12*R*)-Labda-8(17),13*E*-dien-12,15,19-triol	*C. henryi* [65]	NA	NA	
583	12*R*,15-Dihydroxylabda-8(17),13*E*-dien-19-oic acid	*C. multistachys*[54]	NA	NA	
584	Henrilabdane C	*C. henryi*[128]	Hepatoprotective effect[128] IC_{50} 0.18 μM	NA	

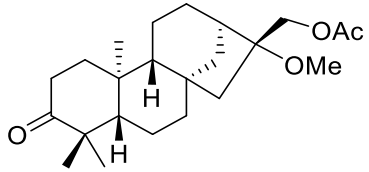
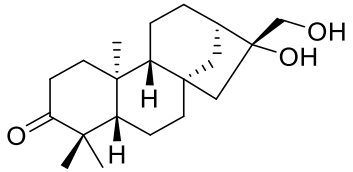
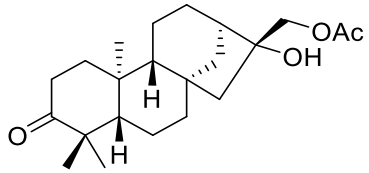
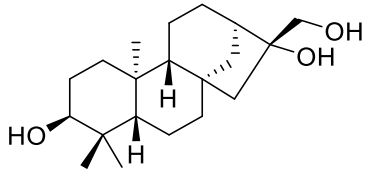
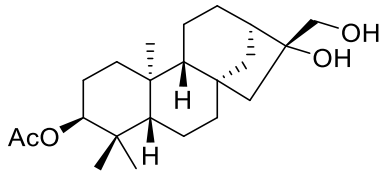
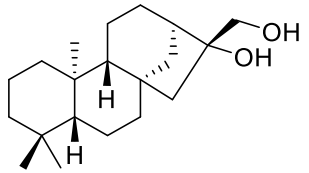
585	Henrilabdane B	*C. henryi*[128]	Hepatoprotective effect[128] IC_{50} 0.09 μM	NA	
586	(13*S*)-13-Hydroxy-19-methoxy-5αH-8(17), 14-labdadien	*C. henryi*[128]	NA	NA	
587	(12*R*,13*S*)-12,13-Dihydroxylabda-8(17),14-dien-19-oic acid	*C. henryi*[65]	NA	NA	
588	Multisin B	*C. multistachys*[54]	NA	NA	

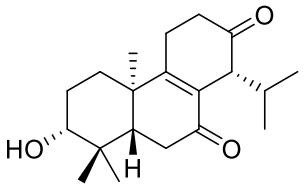
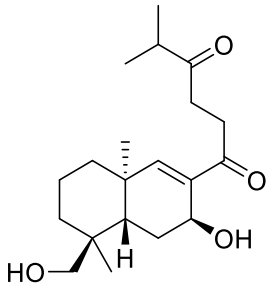
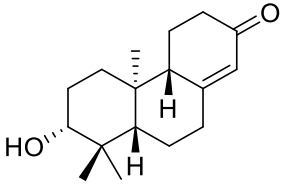
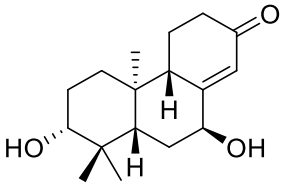
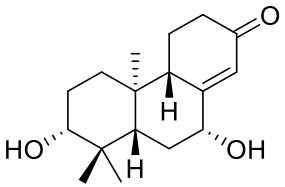
589	Multisin C	*C. multistachys*[54]	NA	NA	
590	13-Epitorulosol	*C. multistachys*[54]	NA	NA	
591	13-Epicupressic acid	*C. multistachys*[54]	NA	NA	
592	(12*R*,13*R*)-Dihydroxylabda-8(17),14-dien-19-oic acid	*C. multistachys*[54]	NA	NA	

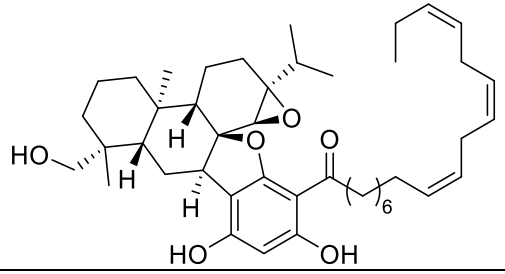
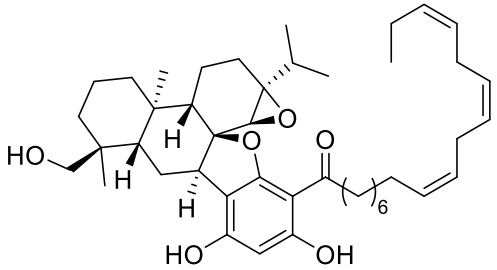
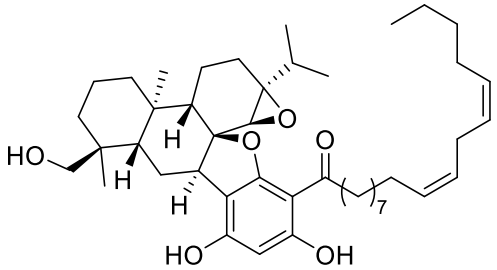
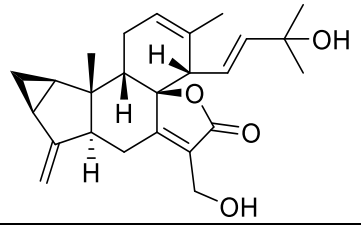
593	Serralabdane C	*C. serratus*[185]	NA	NA	
594	7β,12α-Dihydroxy-13-epi-manoyl oxide	*C. henryi*[65]	NA	NA	
595	7β,12α-Dihydroxymanoyl oxide	*C. henryi*[65]	NA	NA	
IV-h. 15-Norlabdane-type diterpenoids (596–597)					
596	15-*nor*-14-Oxolabda-8(17),12*E*-dien-19-ol	*C. henryi*[65]	NA	NA	

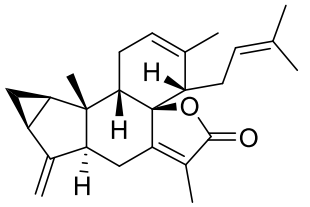
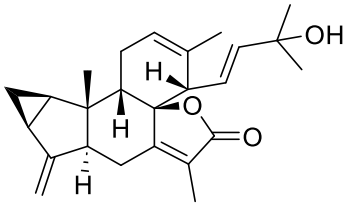
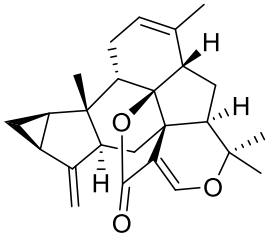
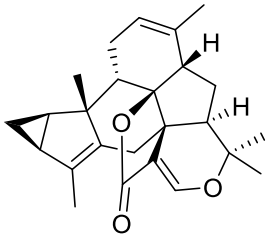
597	15-*nor*-14-Oxolabda-8(17),12*E*-dien-19-oic acid	*C. henryi*[65]	NA	NA	
IV-i. 14,15-Dinorlabdane-type diterpenoids (598–599)					
598	14-Methoxy-15,16-dinor-5αH,9αH-labda-13(*E*),8(17)-dien-12-one	*C. henryi*[78]	Antitumor effect[78] Hela IC_{50} 5.6 μM K562 and 5.9 μM	NA	
599	14,15-Bisnor-13-oxolabda-8(17),11*E*-dien-19-oic acid	*C. multistachys*[54]	NA	NA	
IV-j. Pimarane-type diterpenoids (600–603)					
600	Chloranhenryin A	*C. henryi*[179]	NA	NA	

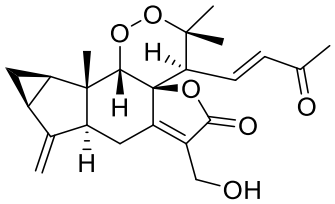
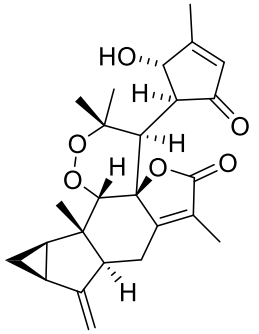
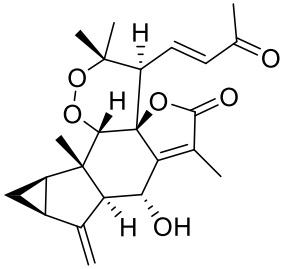
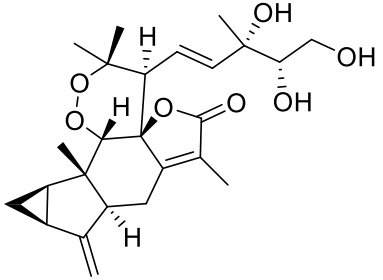
601	13-Epioryzalexin A	*C. henryi*[179]	NA	NA	
602	*ent*-Pimar-15-ene-3α,8α-diol	*C. henryi*[179]	NA	NA	
603	*ent*-Pimara-8(14),15-diene-3α,7β-diol	*C. henryi*[179]	NA	NA	
IV-k. Kaurane-type diterpenoids (604–612)					
604	*ent*-3β-Acetoxyl-kaur-15-en-16β,17-diol	*C. multistachys*[187]	NA	NA	
605	*ent*-17-Hydroxyl-kaur-15-en-3-one	*C. multistachys*[187]	NA	NA	
606	*ent*-17-Hydroxyl-16β-methoxyl-kauran-3-one	*C. multistachys*[187]	NA	NA	

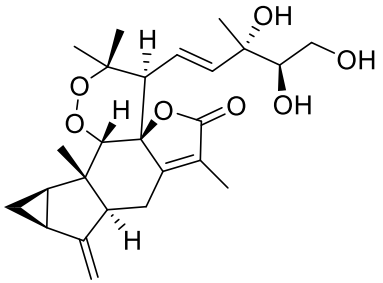
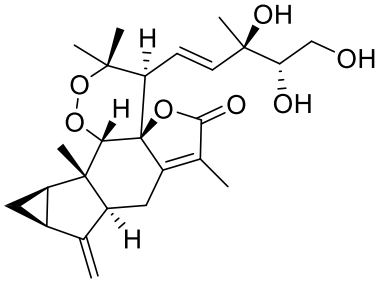
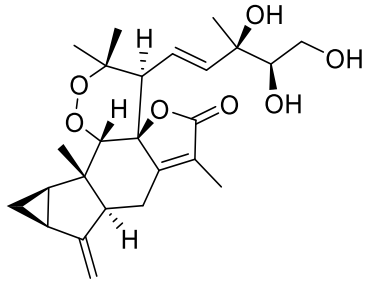
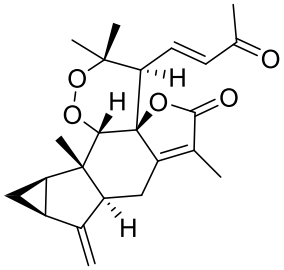
607	*ent*-17-Acetoxyl-16β-methoxyl-kauran-3-one	*C. multistachys*[187]	NA	NA	
608	Abbeokutone	*C. multistachys*[187]	NA	NA	
609	*ent*-17α-Acetyl-16β-hydroxyl-kauran-3-one	*C. multistachys*[187]	NA	NA	
610	*ent*-Kauran-3β,16β,17-triol	*C. multistachys*[187]	NA	NA	
611	*ent*-3β-Acetoxyl-kauran-15-en-16β,17-diol	*C. multistachys*[187]	NA	NA	
612	*ent*-Kauran-16β,17-diol	*C. multistachys*[187]	NA	NA	
IV-l. Torarane-type diterpenoids (613)					

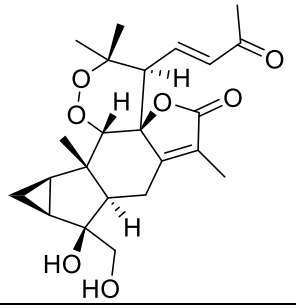
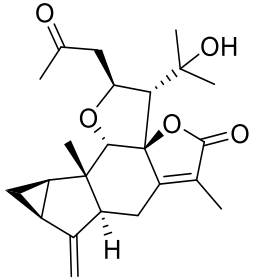
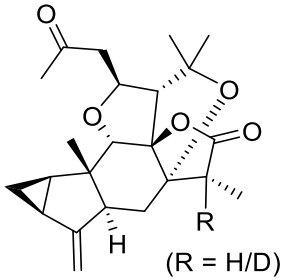
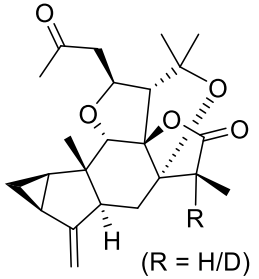
613	3α-Hydroxy-*ent*-torara-8-en-7,13-dione	*C. sessilifolius*[183]	NA	NA	
IV-m. 9,11-Secochinane-type diterpenoids (614)					
614	Chlorabietin F	*C. oldhamii*[181]	Anti-neuroinflammatory effect[181] IC_{50} 33.8 μM	NA	
IV-n. Podocarpane-type diterpenoids (615–617)					
615	(3*R*,5*S*,9*R*,10*S*)-3-Hydroxy-*ent*-podocarpa-8(14)-en-13-one	*C. sessilifolius*[183]	NA	NA	
616	Sessilifol P	*C. sessilifolius*[178]	NA	NA	
617	Sessilifol Q	*C. sessilifolius*[178]	NA	NA	
IV-o. Abietane-phloroglucinol adducts (618–620)					

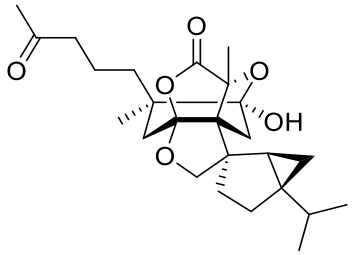
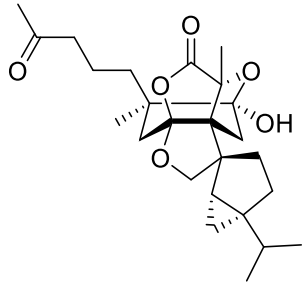
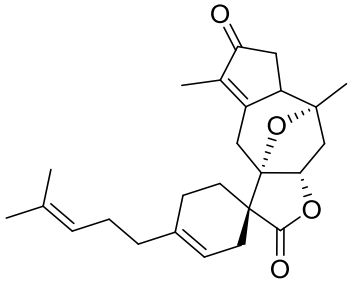
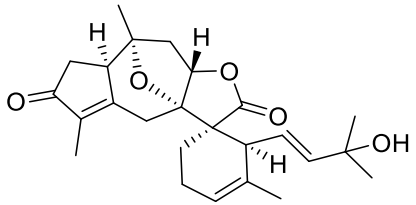
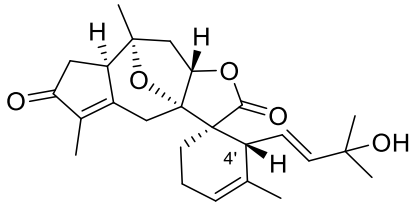
618	Chlorabietol A	*C. oldhamii*[180]	PTP1B inhibitory effect[180] IC_{50} 12.6 μM	NA	
619	Chlorabietol B	*C. oldhamii*[180]	PTP1B inhibitory effect[180] IC_{50} 5.3 μM	NA	
620	Chlorabietol C	*C. oldhamii*[180]	PTP1B inhibitory effect[180] IC_{50} 4.9 μM	NA	
V. Sesquiterpenoid-monoterpenoid heterodimers (621–643)					
621	Ddyosmunoid A	*H. orientale*[188]	NA	NA	

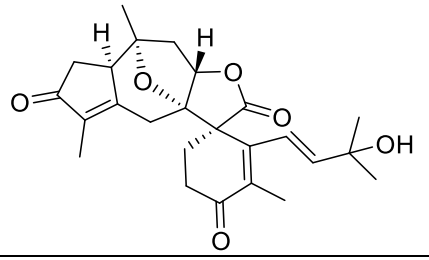
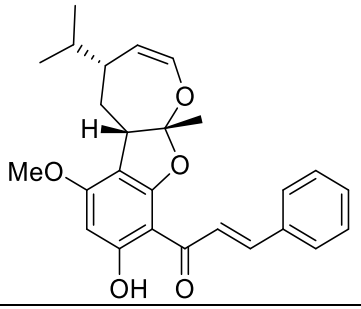
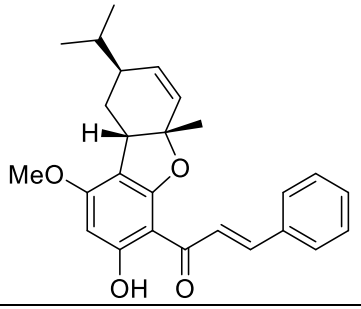
622	Sarcaglabrin A	*S. glabra*[142]	NA	NA	
623	7'-Oxyisosarcaglabrin A	*S. glabra*[189]	NA	NA	
624	Bolivianine	*H. angustifolium*[190]	NA	First-generation synthetic route from Hagemann's ester (*rac*-**R1**), and second/third-generation synthetic routes from (+)-verbenone (**R20**),[41,42,191] Hodgson's conditions/diazo-derived carbenoid and one pot reaction of DA/IMHDA cascade, Scheme 7	
625	Isobolivianine	*H. angustifolium*[190]	NA	Teatment of bolivianine with *p*-TsOH in THF at 35 °C for 24 h yielded isobolivianine (**625**),[42] Scheme 7	

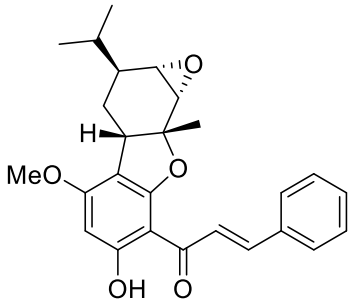
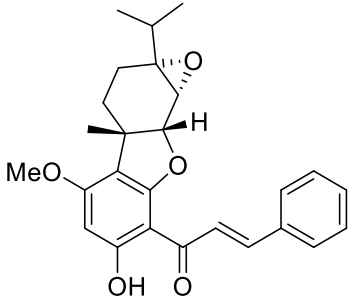
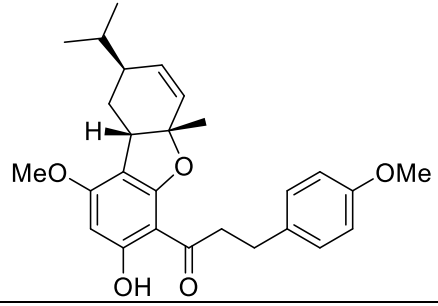
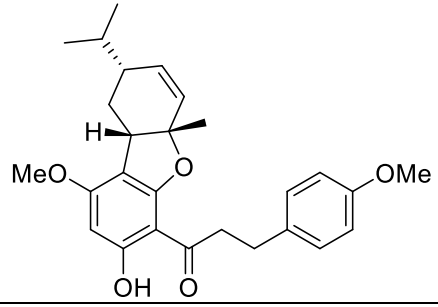
626	Dyosmunoid B	*H. orientale*[188]	Antimalarial effect[188] EC_{50} 0.42 μM	NA	
627	Sarcaglarone A	*S. glabra*[189]	NA	NA	
628	6α-Hydroxysarglaperoxide A	*S. glabra*[189]	NA	NA	
629	Sarcaglarol A	*S. glabra*[192]	Lipogenesis inhibition effect[192]	NA	

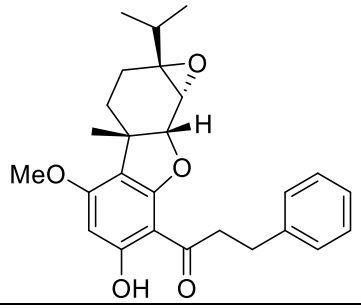
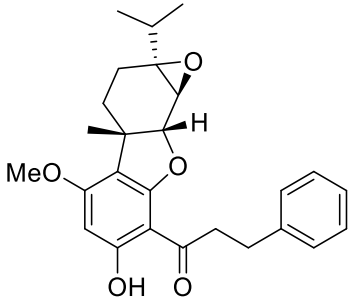
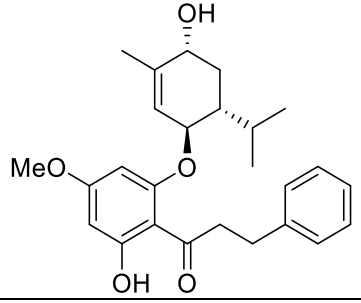
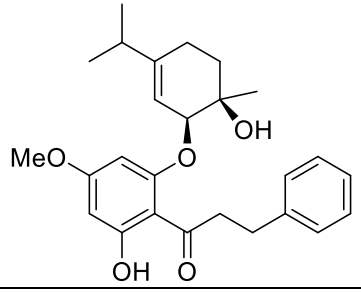
630	Sarcaglarol B	*S. glabra*[192]	NA	NA	
631	Sarcaglarol C	*S. glabra*[192]	Lipogenesis inhibition effect[192]	NA	
632	Sarcaglarol D	*S. glabra*[192]	Lipogenesis inhibition effect[192]	NA	
633	Sarglaperoxide A	*S. glabra*[193]	NA	NA	

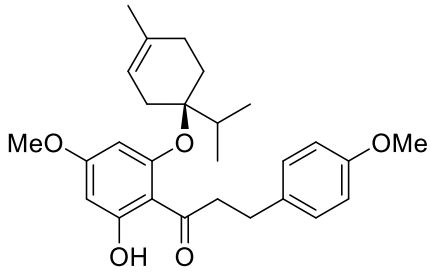
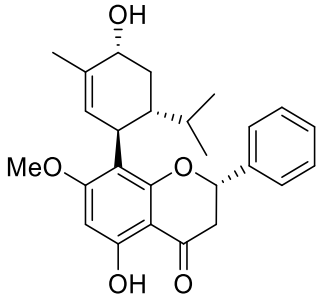
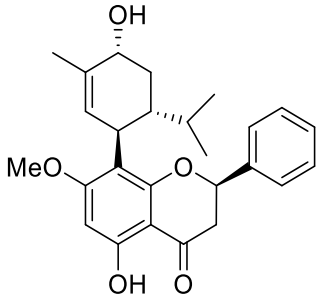
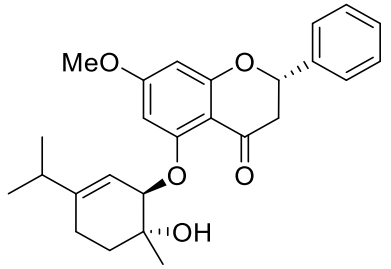
634	Sarglaperoxide B	*S. glabra*[193]	NA	NA	
635	Sarglaoxolane A	*S. glabra*[194]	Moderate anti-inflammatory effect[194]	NA	
636	Sarglaoxolane B	*S. glabra*[194]	NA	NA	
637	Sarglaoxolane C	*S. glabra*[194]	NA	NA	

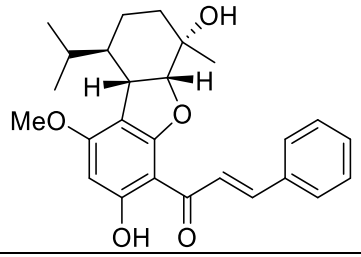
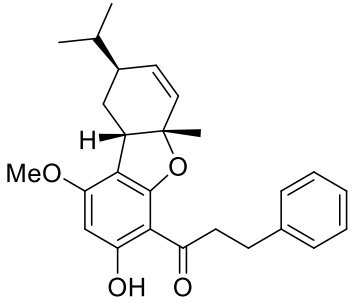
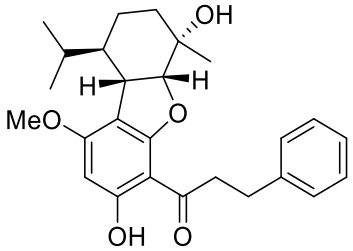
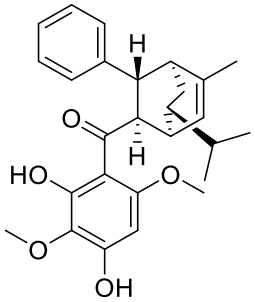
638	Hitorin A	*C. japonicus*[195]	NA	NA	
639	Hitorin B	*C. japonicus*[195]	NA	NA	
640	Hedyosulide	*H. brasiliense*[196]	NA	NA	
641	Orientanoid A	*H. orientale*[97]	Antitumor immunity[97]	Synthesized from hedyosumin A (**188**) that is accessible from santonin (**R65**) and **R72**,[97] biomimetic [4 + 2] dimerization, Scheme 14	
642	Orientanoid B	*H. orientale*[97]	Antitumor immunity[97]	Synthesized from hedyosumin A (**188**) that is accessible from santonin (**R65**) and **R72**,[97] biomimetic [4 + 2] dimerization,	

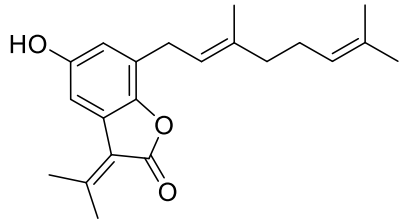
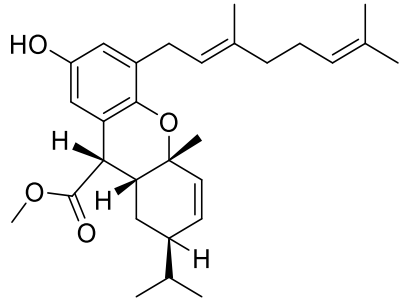
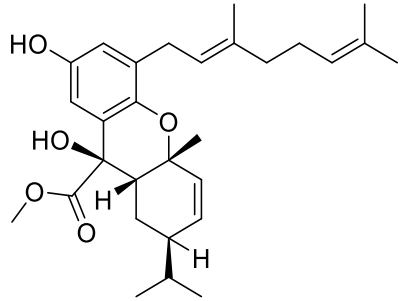
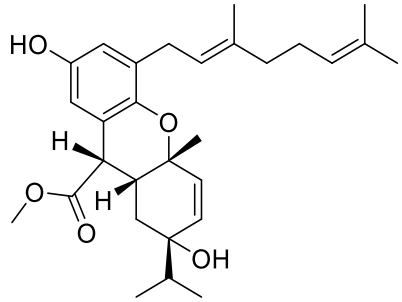
				Scheme 14	
643	Orientanoid C	*H. orientale*[97]	Antitumor immunity[97]	Synthesized from orientanoid A (**641**),[97] one-pot reaction of singlet oxygen ene additon and IBX-catalyzed dehydration, Scheme 14	
VI. Meroterpenoids (644–682)					
644	Glabratin A	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
645	Glabratin B	*S. glabra*[197]	NA	NA	

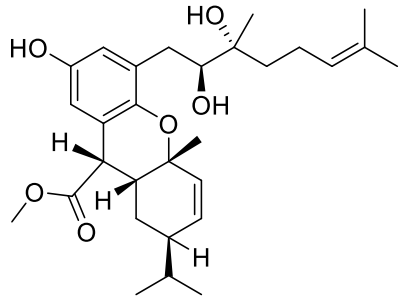
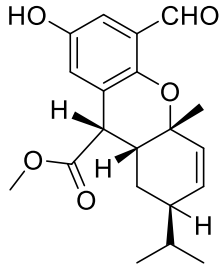
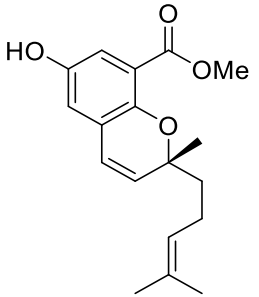
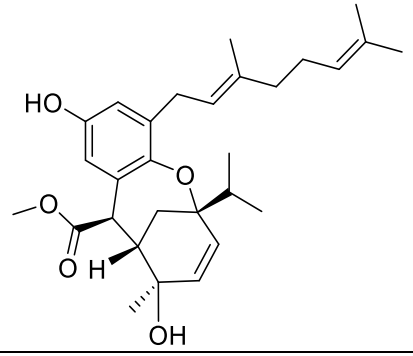
646	glabratin C	*S. glabra*[197]	NA	NA	
647	Glabratin D	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
648	Glabratin E	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
649	Glabratin F	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	

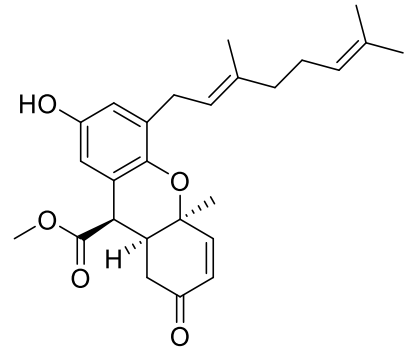
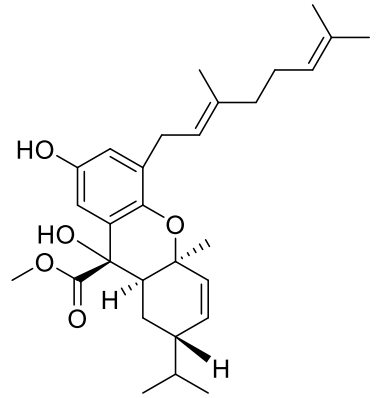
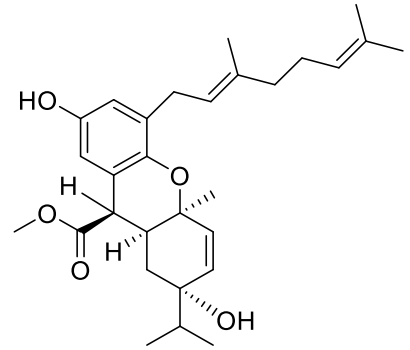
650	Glabratin G	*S. glabra*[197]	NA	NA	
651	Glabratin H	*S. glabra*[197]	NA	NA	
652	Glabratin I	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
653	Glabratin J	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	

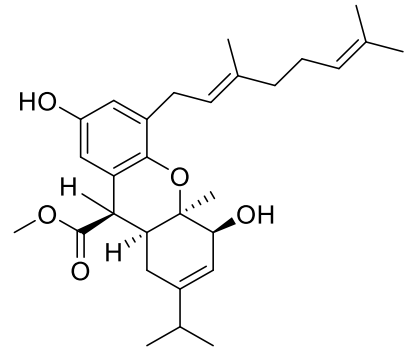
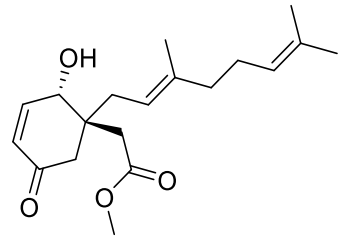
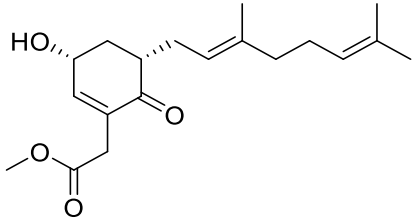
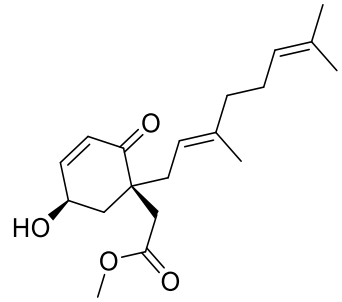
654	Glabratin K	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
655	Glabratin L	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
656	Glabratin M	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
657	Glabratin N	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	

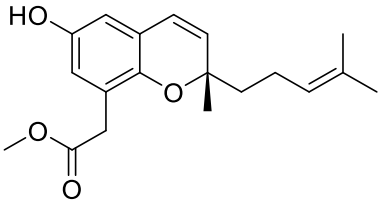
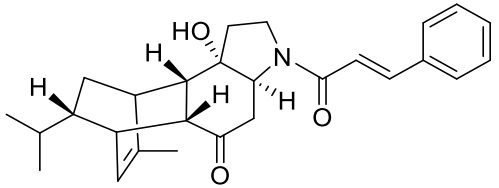
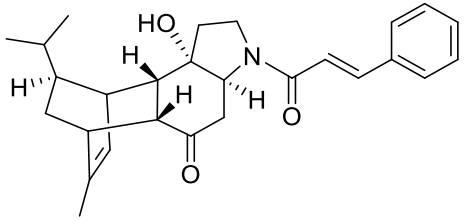
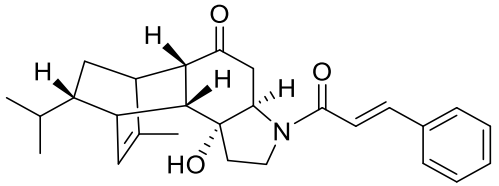
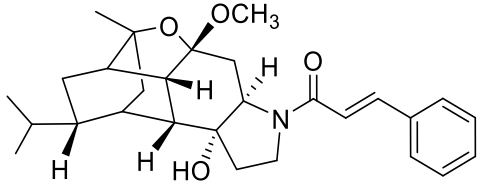
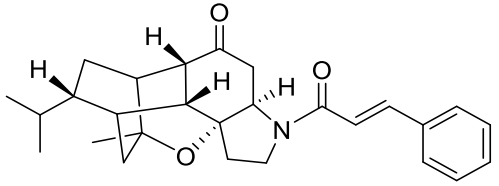
658	Linderol A	*S. glabra*[197]	NA	NA	
659	Adunctin B	*S. glabra*[197]	NA	NA	
660	Adunctin E	*S. glabra*[197]	Autophagy modulating activity in HEK293 cells[197]	NA	
661	Gabralide A	*S. glabra*[198]	NA	NA	

662	Gabralide B	*S. glabra*[198]	NA	NA	
663	Glabralide C	*S. glabra*[198]	NA	NA	
664	Gabralide D	*S. glabra*[199]	NA	NA	
665	Gabralide E	*S. glabra*[199]	NA	NA	

666	Gabralide F	*S. glabra*[199]	NA	NA	
667	Gabralide G	*S. glabra*[199]	Anti-neuroinflammatory effect[199] IC_{50} 3.92 μM	NA	
668	Gabralide H	*S. glabra*[199]	Anti-neuroinflammatory effect[199] IC_{50} 4.29 μM	NA	
669	Spicatulide A	*C. spicatus*[200]	NA	NA	

670	Spicatulide B	*C. spicatus*[200]	NA	NA	
671	Spicatulide C	*C. spicatus*[200]	Lipogenesis inhibition effect[200]	NA	
672	Spicatulide D	*C. spicatus*[200]	NA	NA	

673	Spicatulide E	*C. spicatus*[200]	Lipogenesis inhibition effect[200]	NA	
674	Spicatulide F	*C. spicatus*[200]	Lipogenesis inhibition effect[200]	NA	
675	Spicatulide G	*C. spicatus*[200]	NA	NA	
676	Methyl 2-(1′*β*-geranyl-5′*β*-hydroxy-2′-oxocyclohex-3′-enyl)acetate	*C. spicatus*[200]	NA	NA	

677	Lettowipyraquinol	*C. spicatus*[200]	Lipogenesis inhibition effect[200]	NA	
678	Sarglamide A	*S. glabra* subsp. *brachystachys*[201]	NA	NA	
679	Sarglamide B	*S. glabra* subsp. *brachystachys*[201]	NA	NA	
680	Sarglamide C	*S. glabra* subsp. *brachystachys*[201]	Anti-neuroinflammatory effect[201]	NA	
681	Sarglamide D	*S. glabra* subsp. *brachystachys*[201]	Anti-neuroinflammatory effect[201]	Synthesized through a biomimetic approach from **680**,[201] Scheme 13	
682	Sarglamide E	*S. glabra* subsp. *brachystachys*[201]	Anti-neuroinflammatory effect[201]	Synthesized through a biomimetic approach from **680**,[201] Scheme 13	

[#]Structures were incorrectly reported as new compounds. NA means no data available.

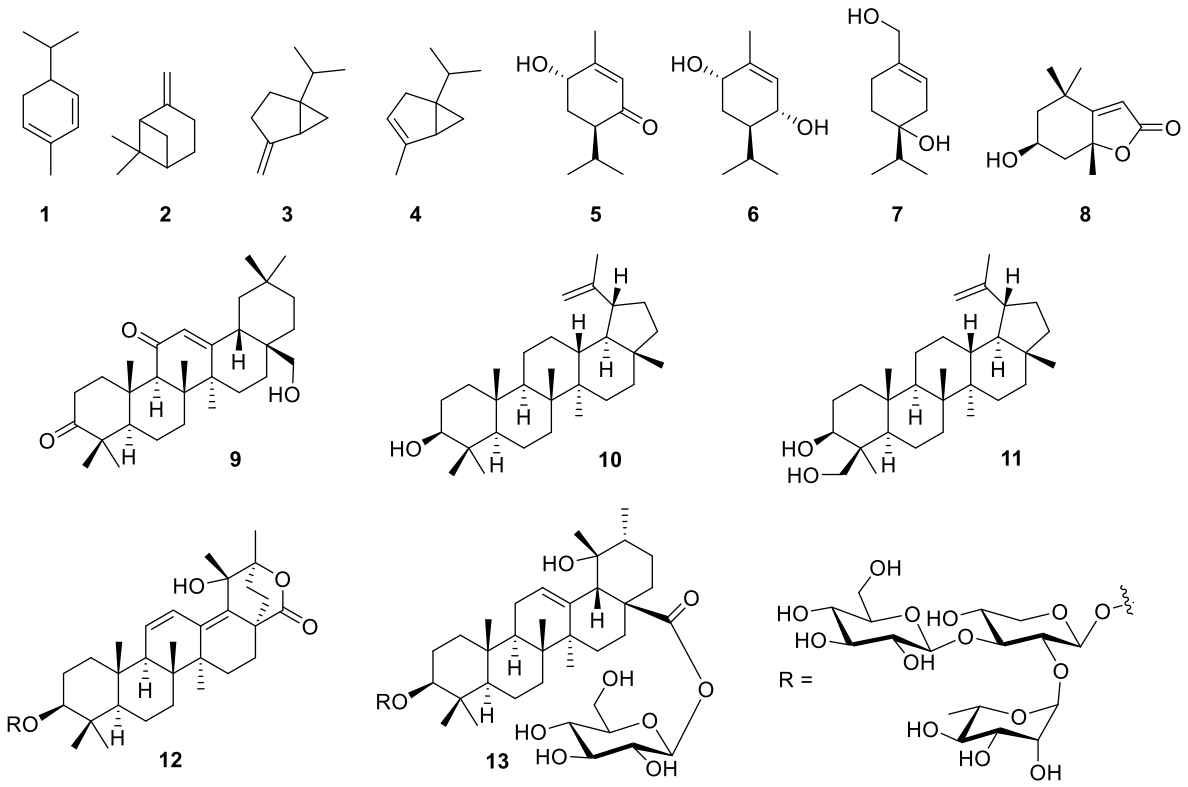


Fig. S1 Monoterpenoids (**1**–**8**) and triterpenoids (**9**–**13**) identified from Chloranthaceae.

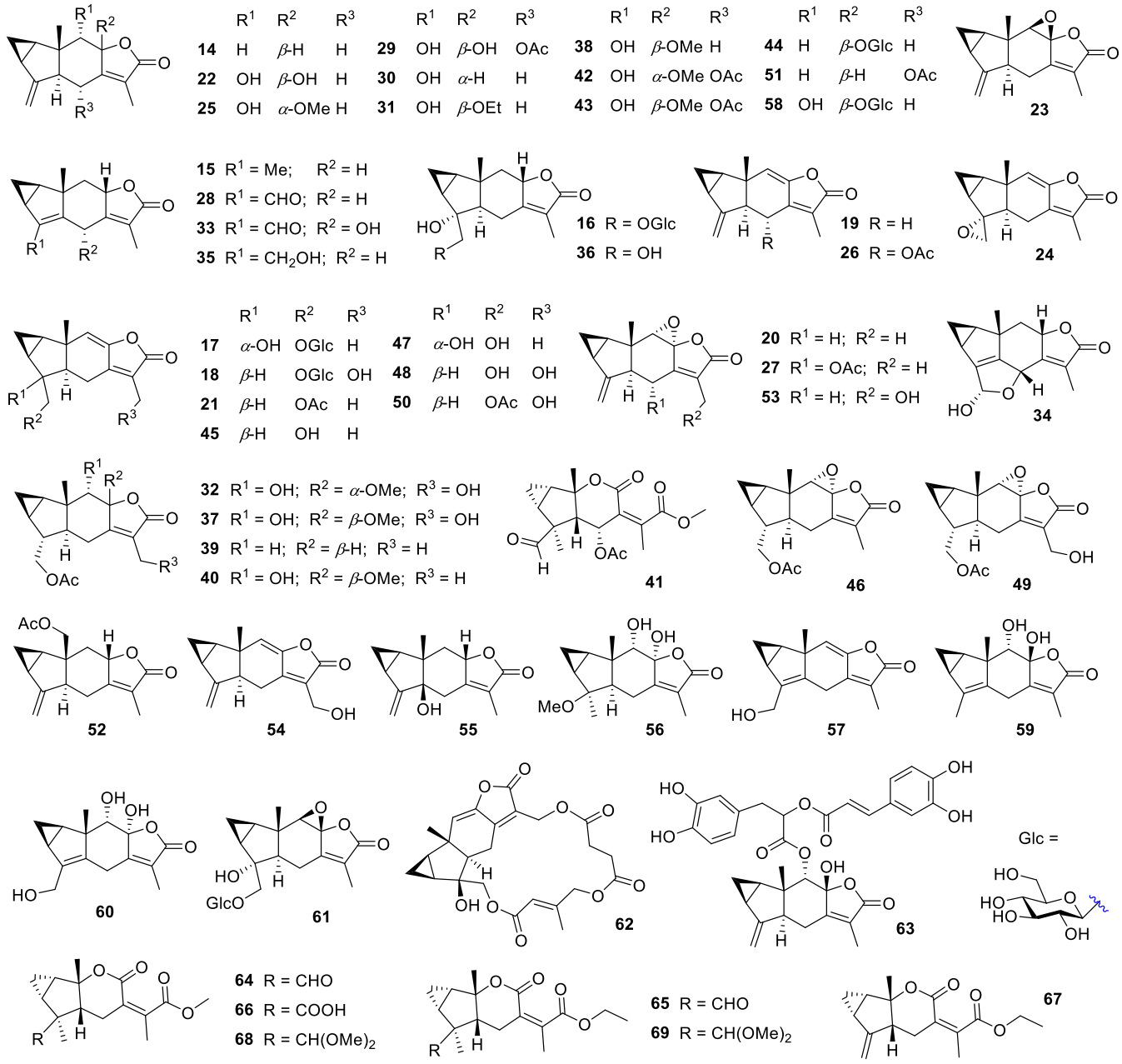
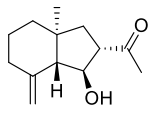
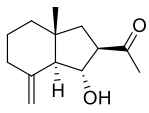


Fig. S2 Lindenane sesquiterpenoids (**14**–**69**) identified from Chloranthaceae.



70



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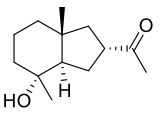

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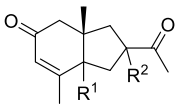
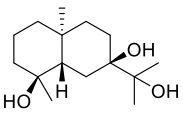


73 R^1 = α-OH; R^2 = β-H
74 R^1 = β-OH; R^2 = β-H
75 R^1 = β-OH; R^2 = α-H
76 R^1 = α-OH; R^2 = α-H



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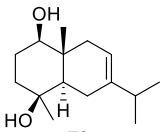

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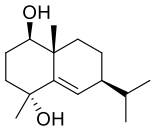

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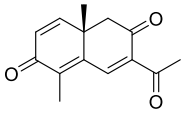

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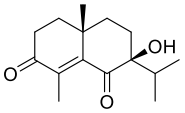
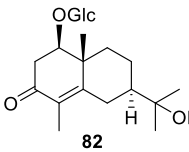


81



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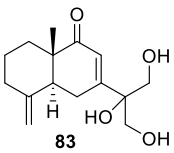
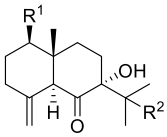
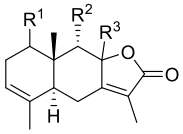


83

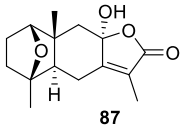


84 R^1 = H; R^2 = H
85 R^1 = OH; R^2 = OH
86 R^1 = H; R^2 = OH

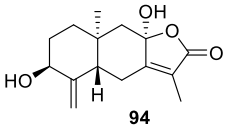


	R^1	R^2	R^3
88	β-OH	H	β-H
89	H	H	β-OH
90	β-OH	H	β-OH

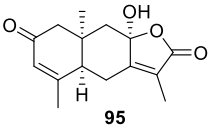
	R^1	R^2	R^3
91	β-OAc	H	β-OEt
92	α-OH	OH	α-OH
93	α-OAc	H	β-H



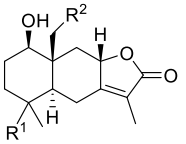
87



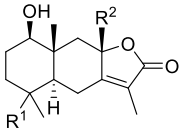
94



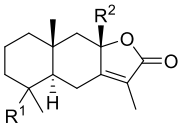
95



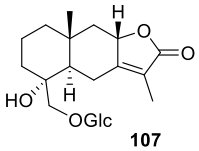
96 R^1 = α-H; R^2 = H
97 R^1 = β-H; R^2 = H
98 R^1 = β-OH; R^2 = OH



99 R^1 = β-OH; R^2 = OH
100 R^1 = β-OH; R^2 = H
101 R^1 = α-OH; R^2 = H
106 R^1 = α-OH; R^2 = OH



102 R^1 = β-OH; R^2 = OH
103 R^1 = β-OH; R^2 = H
104 R^1 = α-OH; R^2 = OMe
105 R^1 = β-OH; R^2 = OEt



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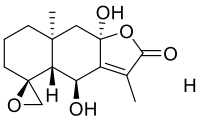

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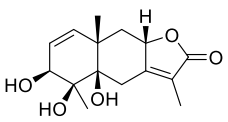
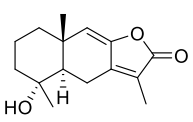


109



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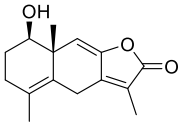
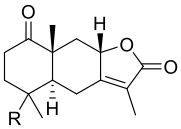
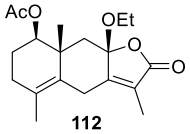


111



115 R = α-OH
116 R = β-OH



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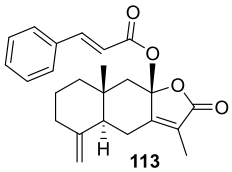

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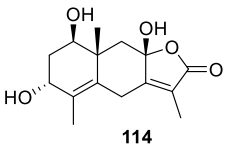

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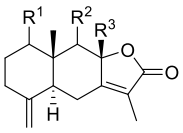
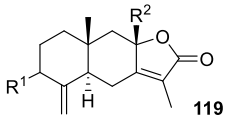
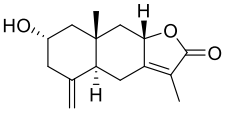


	R^1	R^2	R^3
117	β-OH	H	H
118	H	H	OH
121	α-OGlc	H	H

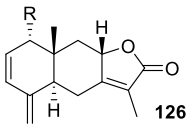
	R^1	R^2	R^3
122	H	H	H
123	H	α-OH	OH
125	H	α-OH	H



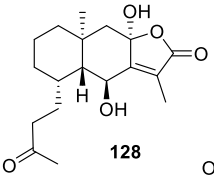
119 R^1 = β-OH; R^2 = H
124 R^1 = α-OH; R^2 = OH



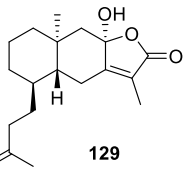
120



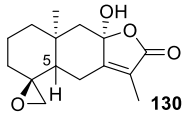
126 R = OGlc
127 R = OH



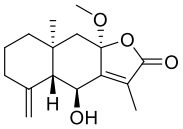
128



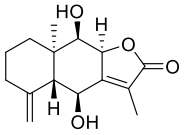
129



130 5*S*
131 5*R*



132



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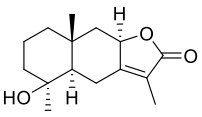
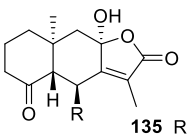
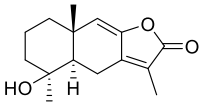


134



135 R = H
136 R = OH



137

138 R = H
139 R = CH_3

140

141

142

143

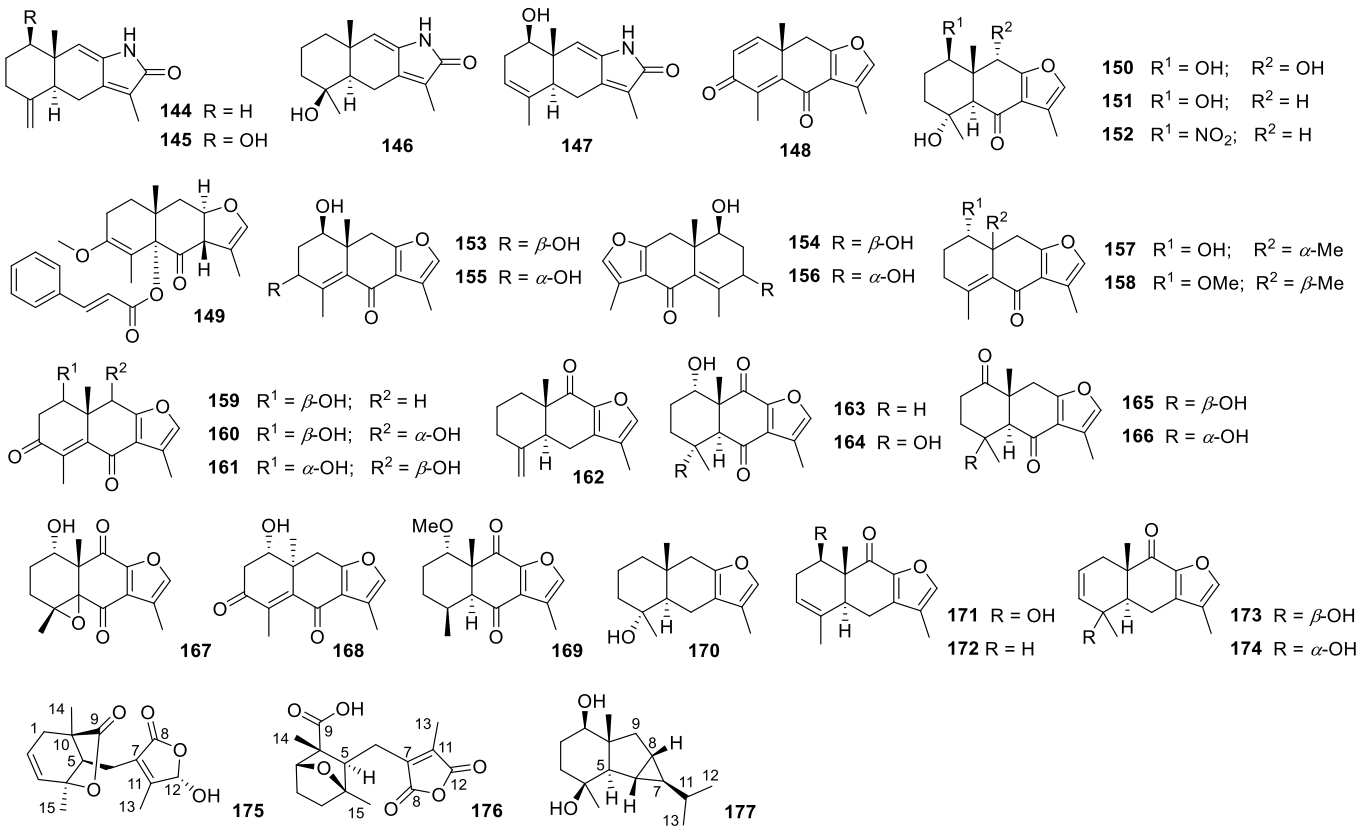


Fig. S3 Eudesmane sesquiterpenoids (**70**–**177**) identified from Chloranthaceae.

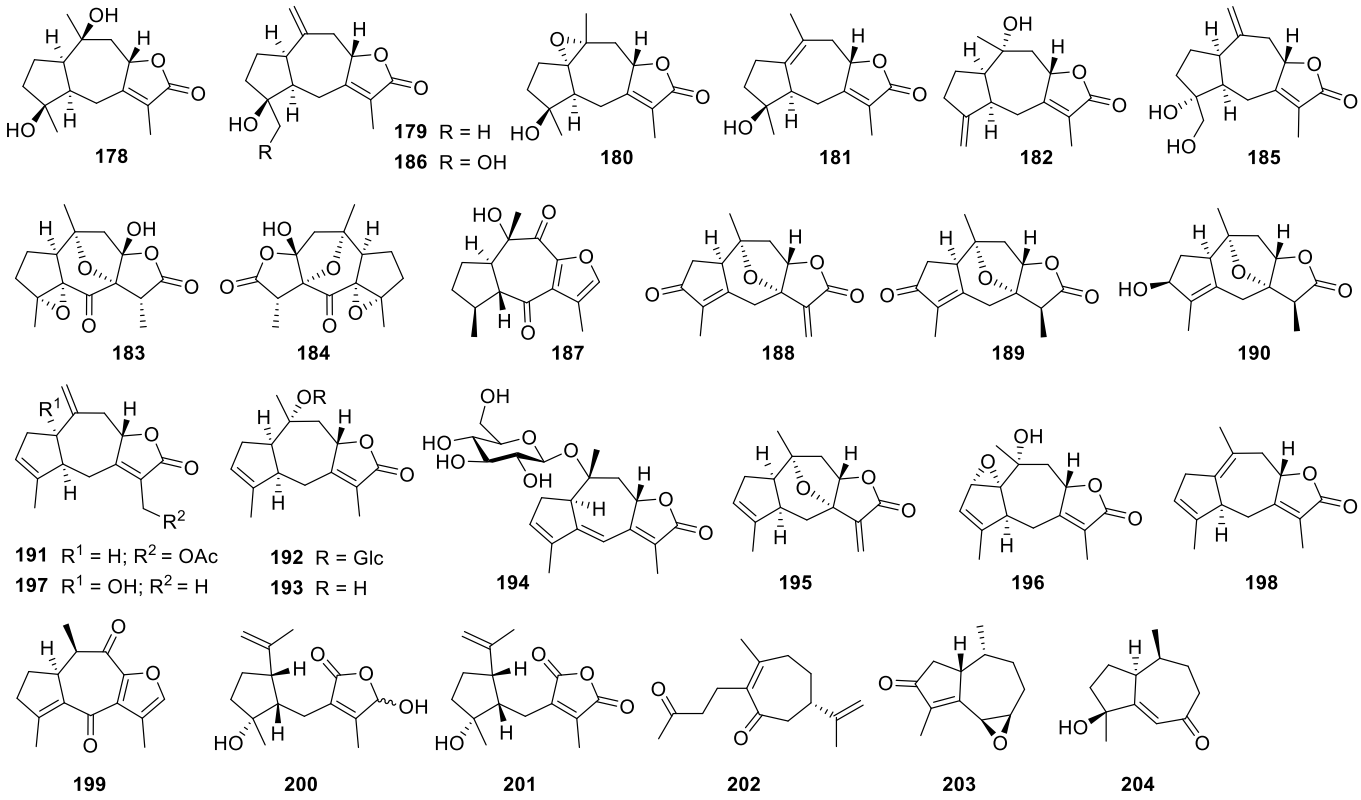


Fig. S4 Guaiane sesquiterpenoids (**178**–**204**) identified from Chloranthaceae.

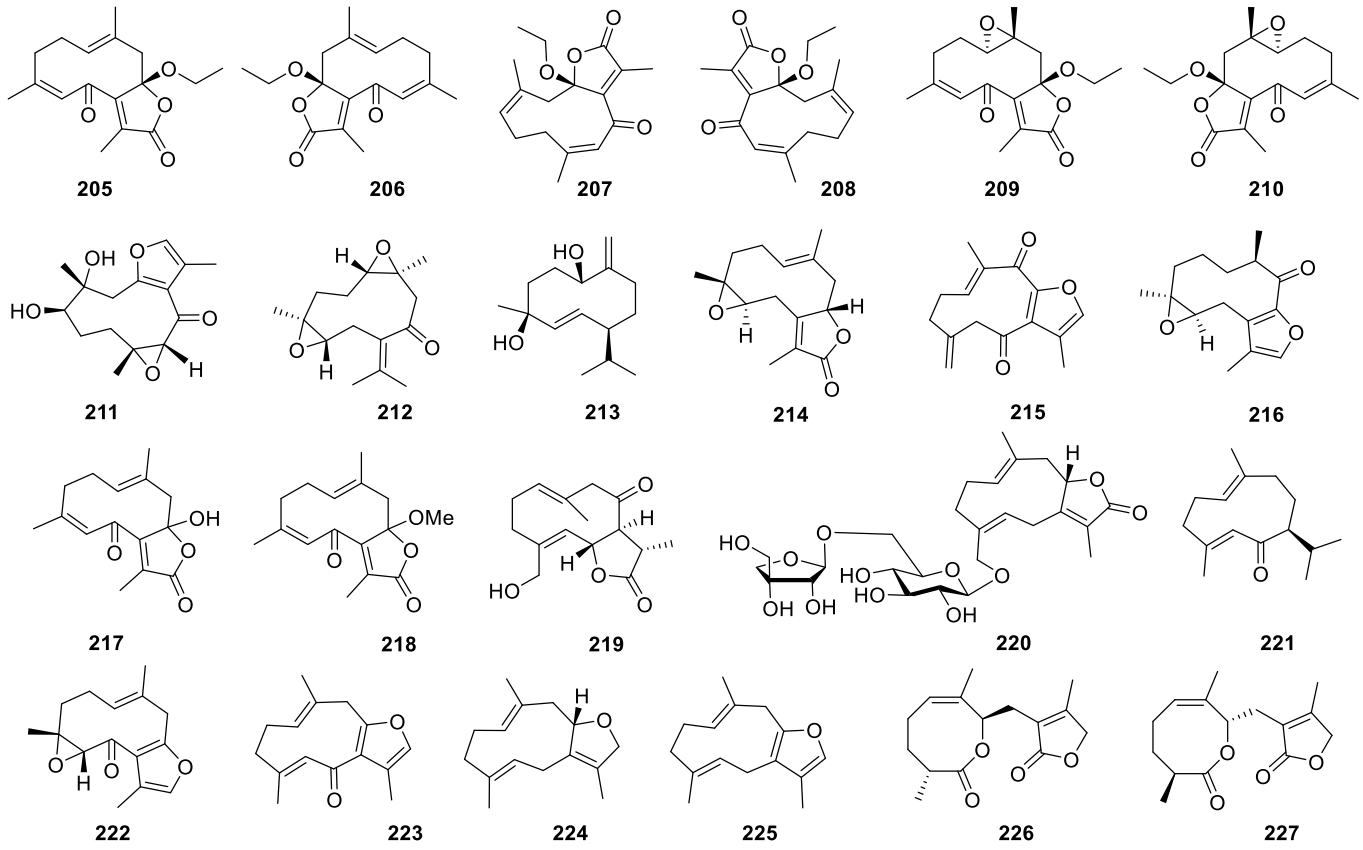


Fig. S5 Germacrane sesquiterpenoids (**205**–**227**) identified from Chloranthaceae.

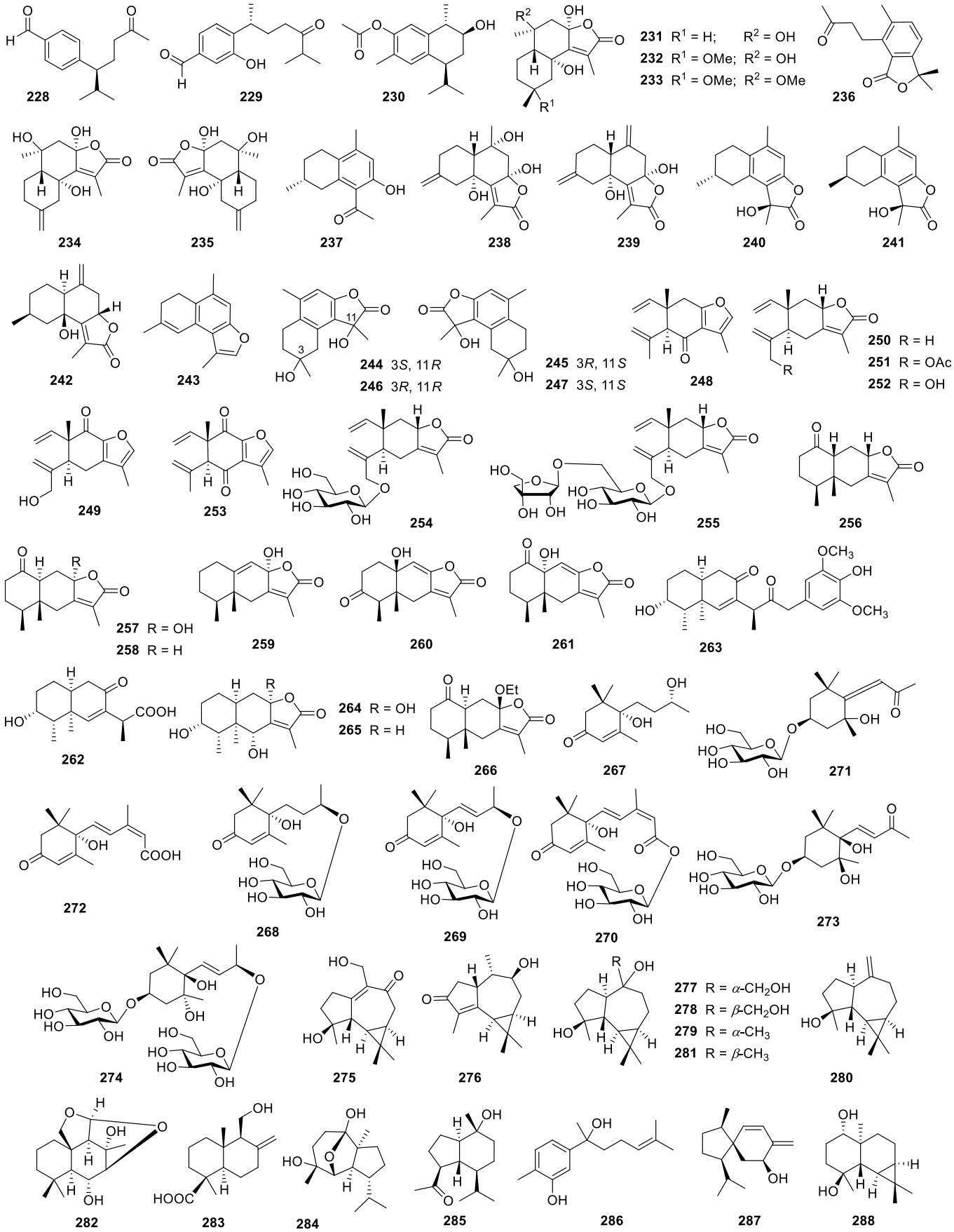
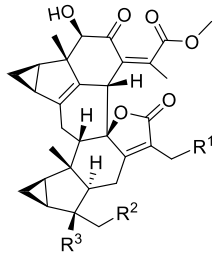
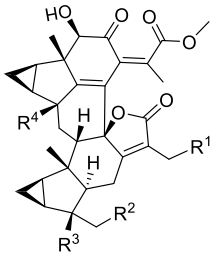


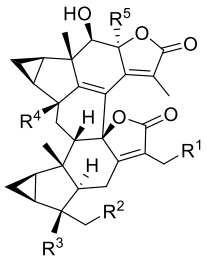
Fig. S6 Other type sesquiterpenoids (**228**–**288**) identified from Chloranthaceae.



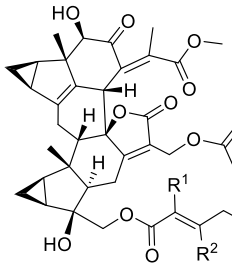
	R^1	R^2	R^3
289	D	B	OH
290	OH	E	OH
291	OH	A	OH
306	D	G	OH
307	H	F	OH
308	OAc	F	OH
311	OH	OH	OH
312	J	F	OH
313	OAc	A	OH
314	OH	C	OH
315	OH	G	OH
316	H	C	OH
317	D	C	OH
318	OAc	G	OH
319	OH	OAc	OH
320	OH	F	OH
321	H	G	OH
322	OH	OH	H
323	H	OAc	H
324	OH	OAc	H
352	K	G	OH
369	D	L	OH
372	H	M	OH
373	K	C	OH
379	OH	OAc	OH
383	H	N	OH
384	P	N	OH
393	OAc	OAc	OH
408	OH	R	OH
409	S	F	OH
446	P	C	OH
447	OH	T	OH
458	D	F	OH
459	OH	U	OH



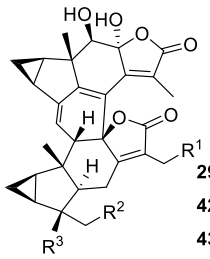
	R^1	R^2	R^3	R^4
292	OH	E	OH	OOH
293	D	C	OH	OOH
294	H	OH	OH	OOH
309	D	G	OH	OOH
335	OAc	G	OH	OH
344	OH	OAc	H	OH
350	OAc	G	OH	OOH
351	OH	OAc	H	OOH
368	OH	G	OH	OOH
376	H	OAc	H	OOH
450	H	OAc	H	OH



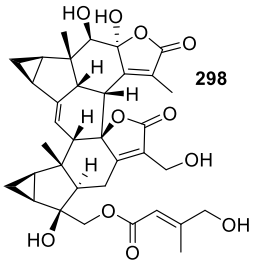
	R^1	R^2	R^3	R^4	R^5
297	D	C	OH	OOH	OH
331	OAc	G	OH	OH	OMe
339	OAc	G	OH	OH	OH
340	OH	G	OH	OH	OH
411	OH	OH	OH	OH	OH
412	OH	G	OH	OH	OMe
414	OH	OAc	H	OH	OH
428	H	G	OH	OH	OH
433	H	OAc	H	OH	OH
435	H	OAc	H	OH	OMe
436	H	OH	H	OH	OH
437	OAc	G	OH	OMe	OH
438	H	G	OH	OMe	OH
440	H	A	OH	OH	OH
451	OH	OAc	OH	OH	OH
457	OH	F	OH	OH	OMe



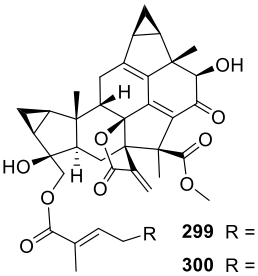
	R^1	R^2
295	H	Me
334	Me	H



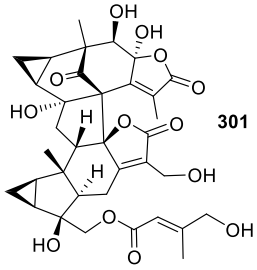
	R^1	R^2	R^3
296	D	C	OH
427	OH	G	OH
434	H	OAc	H



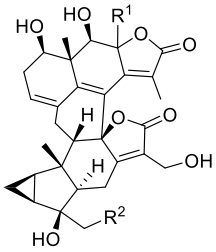
298



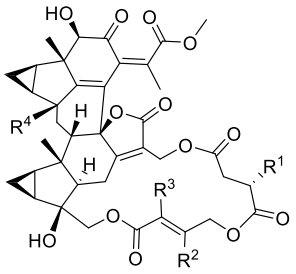
299 R = H
300 R = D



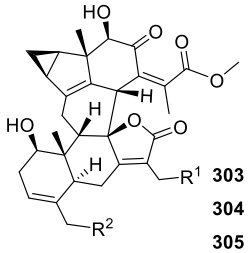
301



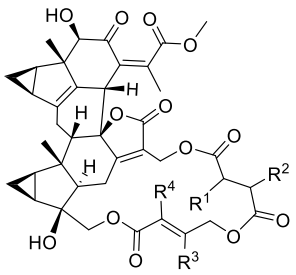
	R^1	R^2
302	β-OH	C
454	α-OH	G



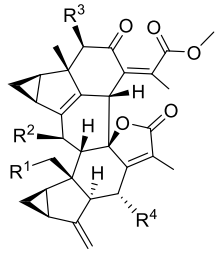
	R^1	R^2	R^3	R^4
310	OH	H	Me	OH
328	H	Me	H	OOH
338	H	H	Me	OH
349	H	H	Me	OOH
396	OH	H	Me	OOH
397	OAc	H	Me	OH



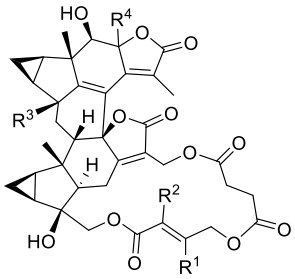
303 R^1 = R^2 = OH
304 R^1 = OH; R^2 = F
305 R^1 = D; R^2 = G



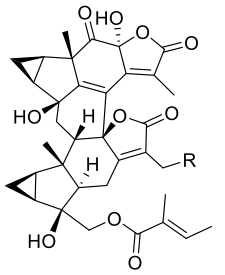
	R^1	R^2	R^3	R^4
325	H	H	Me	H
326	H	α-OH	H	Me
327	H	H	H	Me
333	α-OH	H	H	Me
361	H	α-OH	Me	H
394	H	α-OAc	H	Me
403	H	β-OH	H	Me
405	α-OH	α-OH	H	Me
425	α-OAc	α-OAc	H	Me
426	β-OAc	H	H	Me



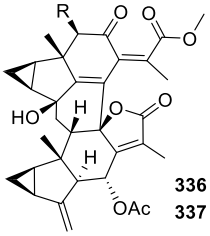
	R^1	R^2	R^3	R^4
329	H	H	OH	H
355	H	H	OH	OAc
356	H	OH	OH	H
357	H	H	H	H
360	H	H	OAc	H
377	OAc	H	OH	H



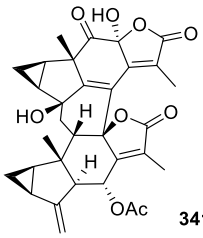
	R^1	R^2	R^3	R^4
330	Me	H	OH	α-OH
342	H	Me	OH	α-OH
343	H	Me	OH	α-OMe
362	H	Me	OH	β-OH
363	H	Me	OH	β-OMe
370	Me	H	OH	β-OMe
382	Me	H	OMe	α-OH



332 R = OAc
413 R = OH



336 R = H
337 R = OH



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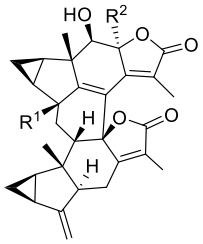
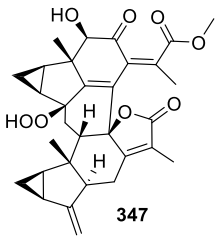


345 R^1 = OH; R^2 = OMe
346 R^1 = OOH; R^2 = OMe
358 R^1 = OH; R^2 = OH
359 R^1 = OH; R^2 = OBu
452 R^1 = OH; R^2 = OEt



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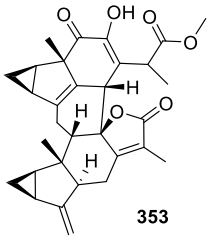

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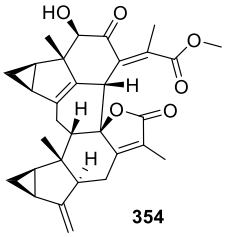

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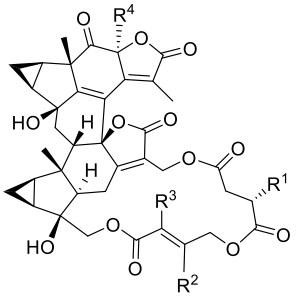
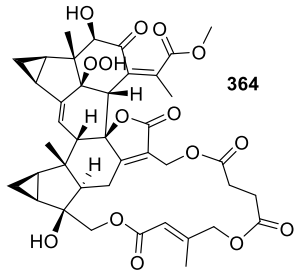
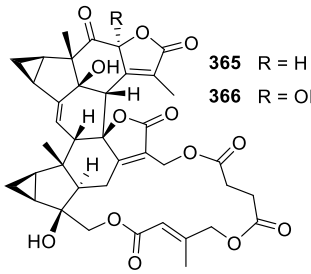


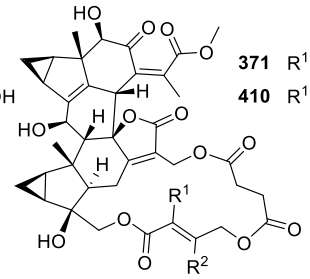
	R^1	R^2	R^3	R^4
348	H	H	Me	OH
367	H	H	Me	OMe
374	H	Me	H	OH
398	OAc	H	Me	OH
417	H	H	Me	OEt



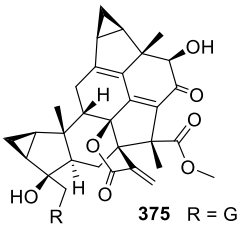
364



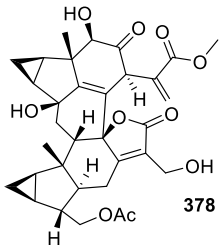
365 R = H
366 R = OH



371 R^1 = H; R^2 = Me
410 R^1 = Me; R^2 = H



375 R = G
380 R = C



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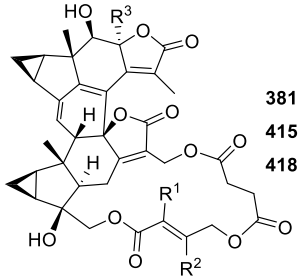
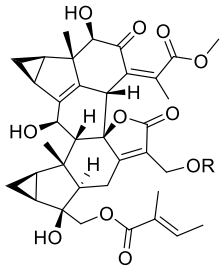
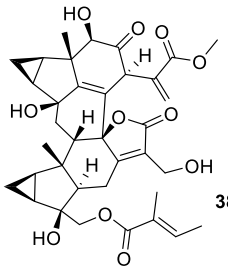


	R^1	R^2	R^3
381	H	Me	OH
415	Me	H	OMe
418	Me	H	OH



385 R = H
424 R = Ac



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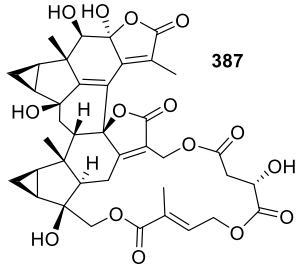

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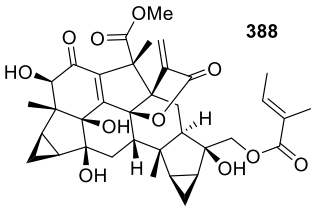

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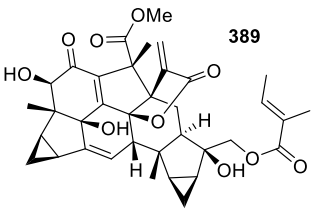

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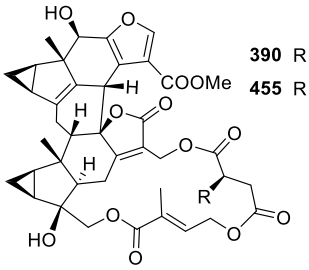
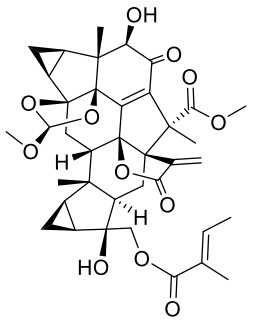


390 R = OH
455 R = H



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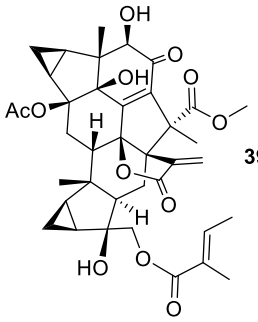

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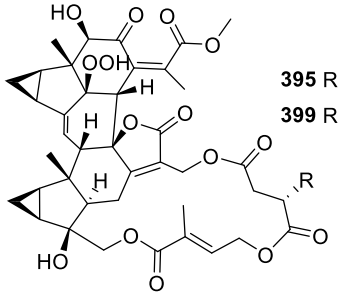
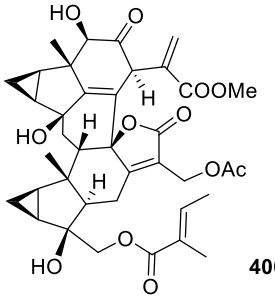


395 R = OH
399 R = H



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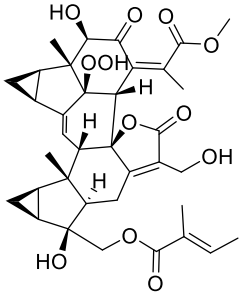

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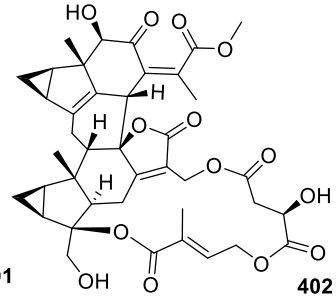

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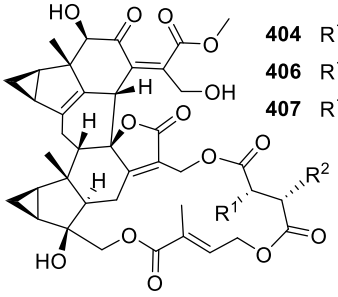
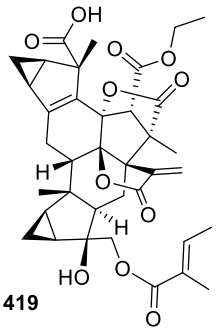


404 R^1 = H; R^2 = OH
406 R^1 = OH; R^2 =OH
407 R^1 = H; R^2 = H



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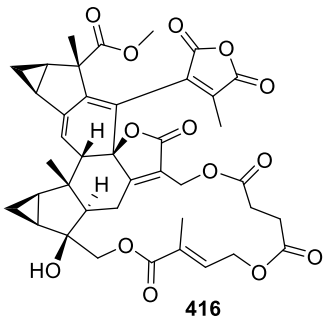

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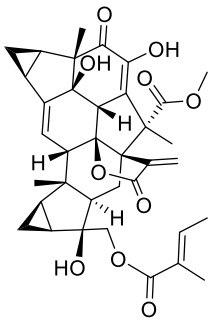

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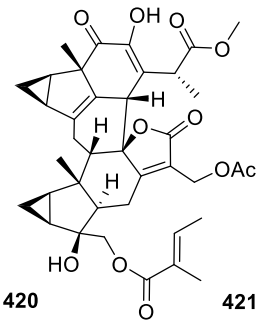

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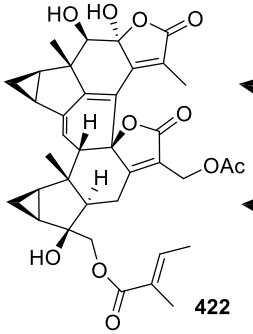

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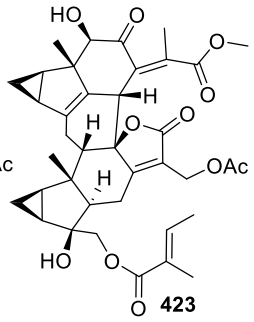

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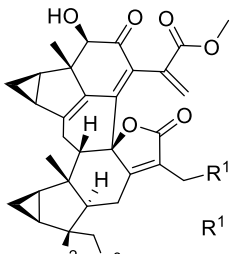
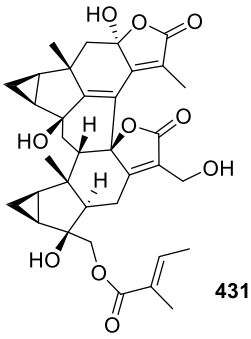


	R^1	R^2	R^3
429	H	H	OH
430	OH	OH	G



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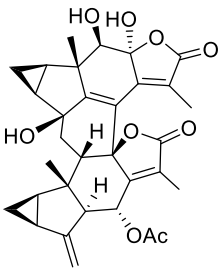

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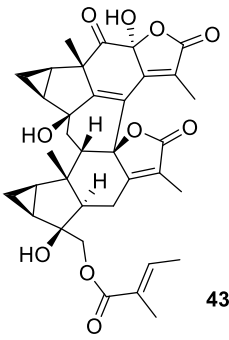

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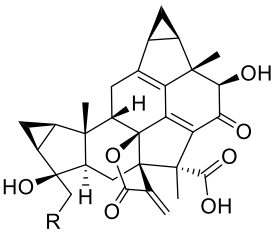
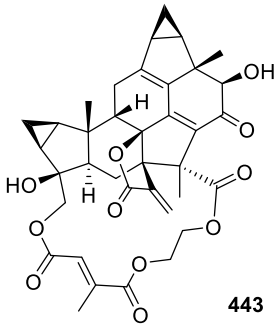


441 R = OAc
442 R = F



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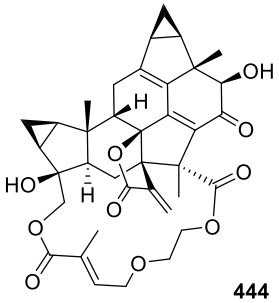

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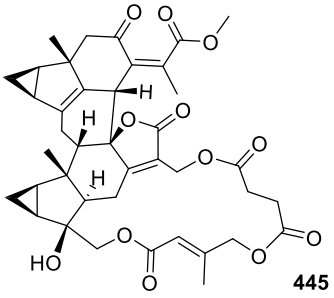

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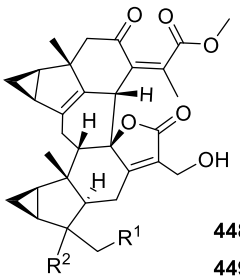


	R^1	R^2
448	A	β-OH
449	OAc	α-H

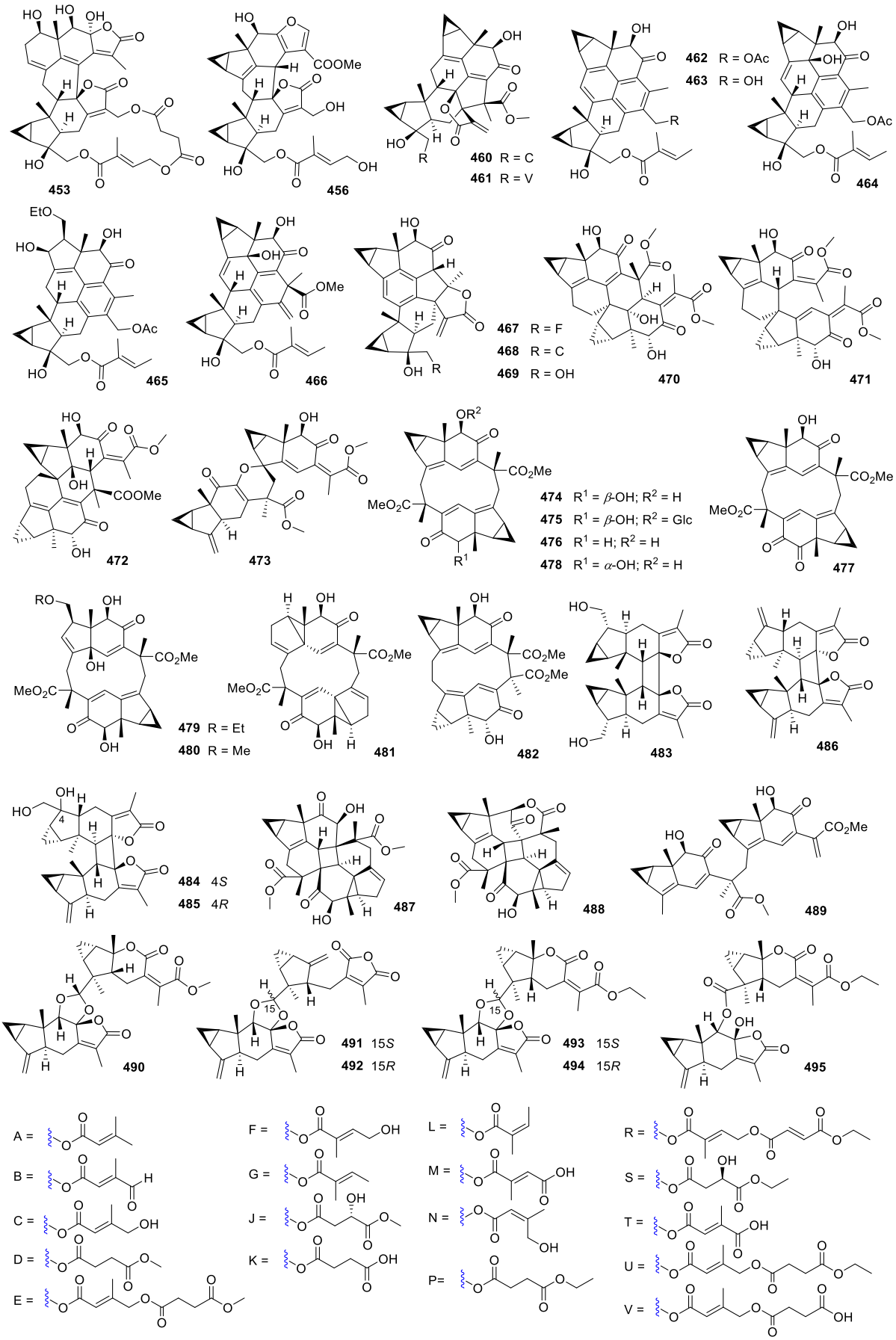


Fig. S7 Dimeric lindnane Sesquiterpenoids (**289**–**495**) identified from Chloranthaceae.

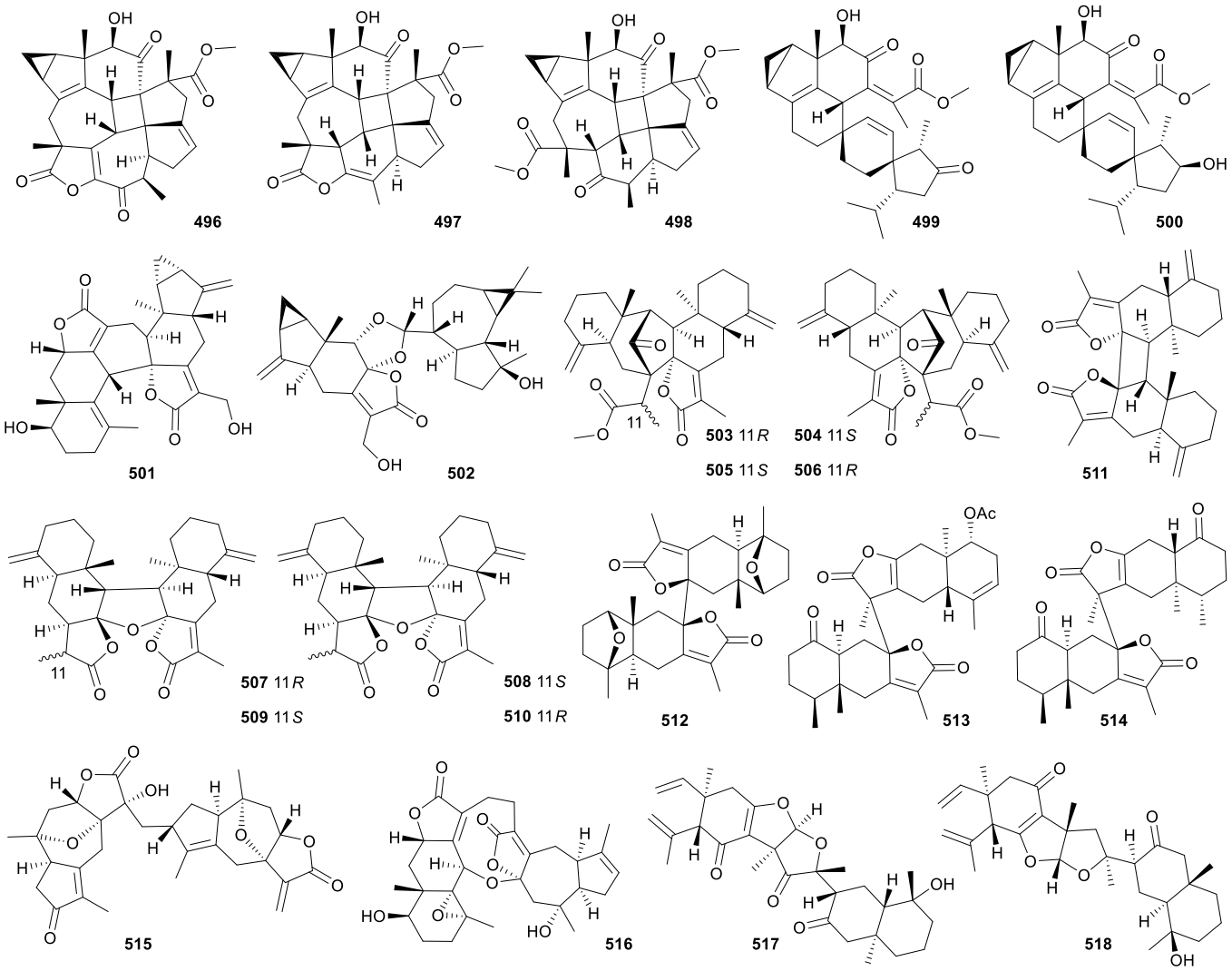


Fig. S8 Lindenane hetero dimers (**496**–**502**) and other sesquiterpenoid dimers (**503**–**518**) identified from Chloranthaceae.

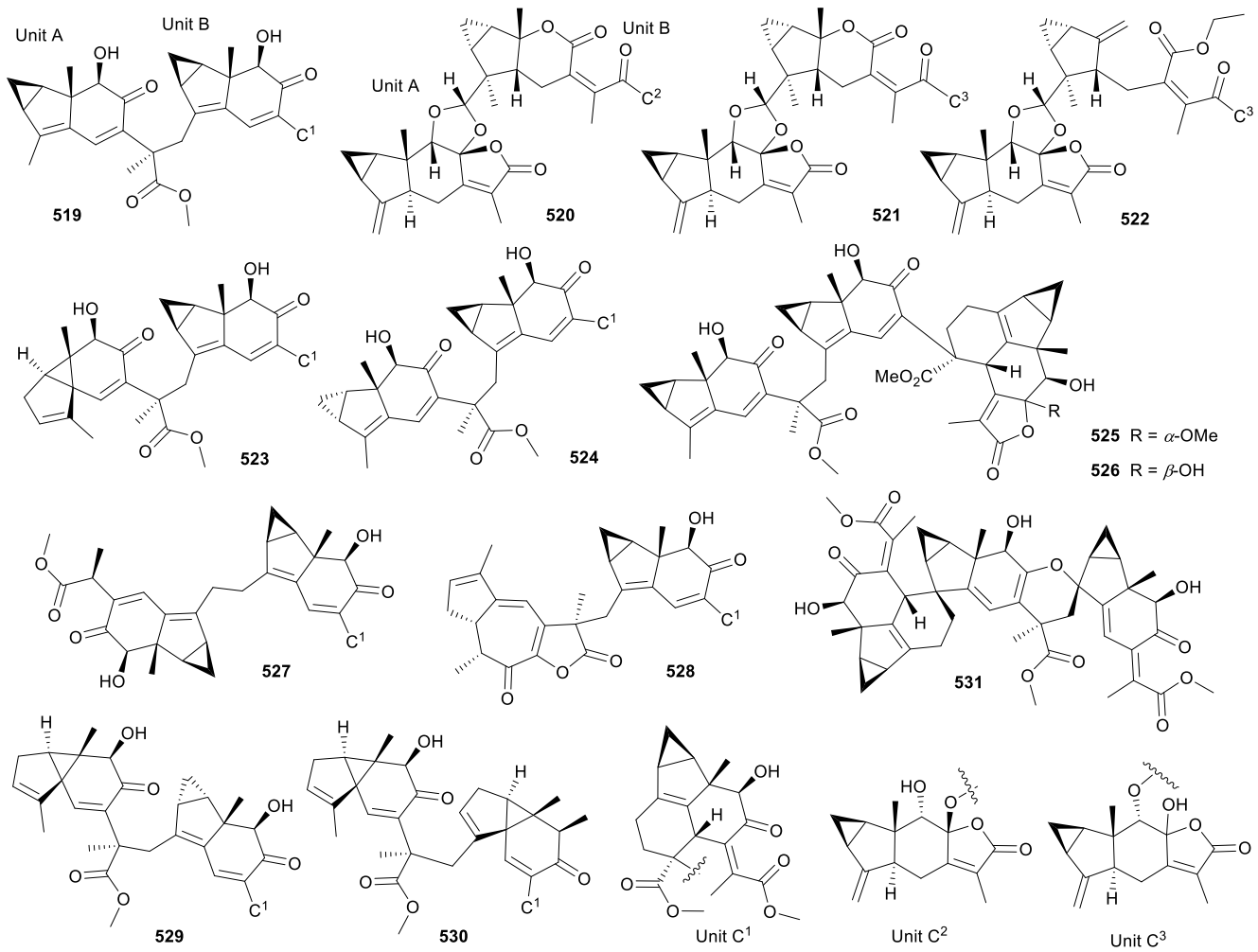
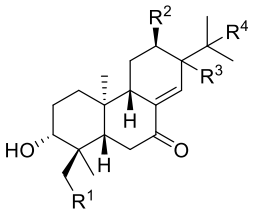
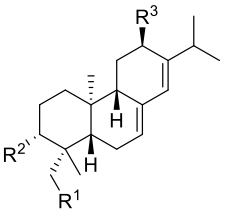


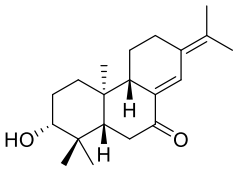
Fig. S9 Trimeric sesquiterpenoids (**519**–**531**) identified from Chloranthaceae



	R^1	R^2	R^3	R^4
532	H	H	β-OH	H
533	H	H	α-OH	H
534	H	H	β-OMe	H
535	H	H	α-OMe	H
536	H	OH	β-OMe	H
537	H	OH	α-OH	H
538	OH	H	α-OH	H
539	H	H	α-OH	OH
540	H	H	α-OMe	OH



	R^1	R^2	R^3
541	OH	H	H
542	OH	H	OMe
543	H	OH	H



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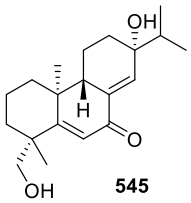

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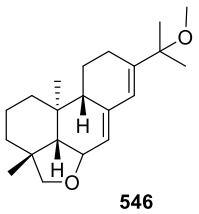

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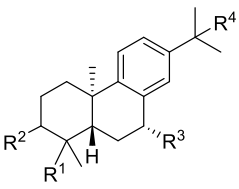
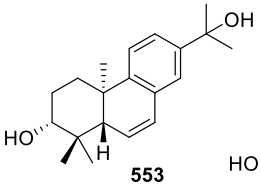


	R^1	R^2	R^3	R^4
547	Me	α-OH	H	OH
548	Me	α-OH	OH	H
549	β-CH_2OH	H	H	H
550	α-CH_2OH	H	H	H
551	Me	α-OH	H	OMe
552	Me	β-OH	OH	H



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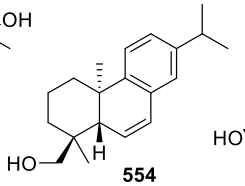

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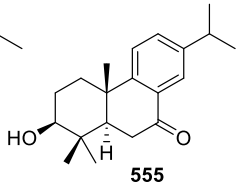

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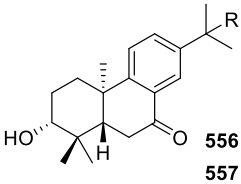
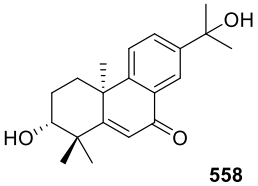


556 R = H
557 R = OH



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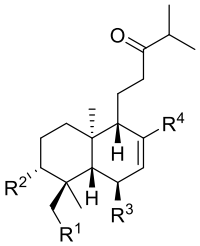
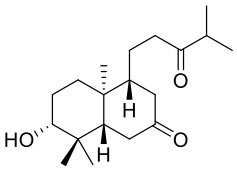


	R^1	R^2	R^3	R^4
559	H	OH	H	CHO
560	H	OH	H	COOH
561	H	OH	OH	CHO
562	OH	H	H	COOH
563	OH	H	H	CHO
564	OH	H	OH	CHO



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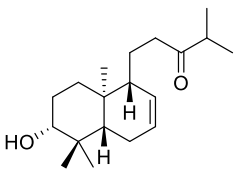

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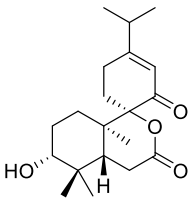

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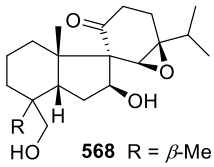
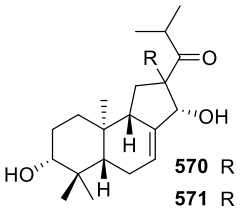
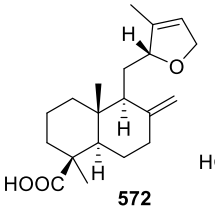


568 R = β-Me
569 R = α-Me



570 R = α-H
571 R = β-H



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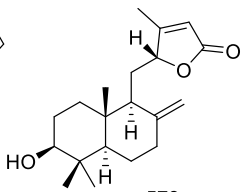

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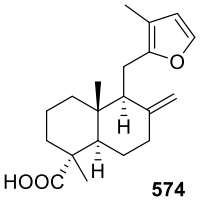

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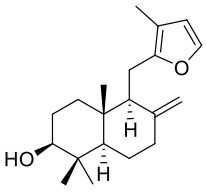

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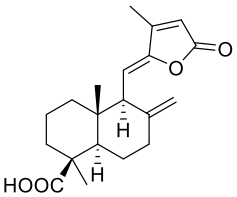

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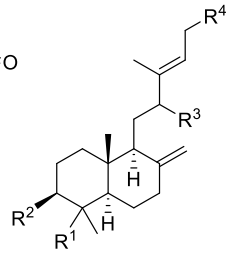
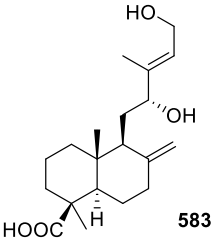


	R^1	R^2	R^3	R^4
577	β-COOH	H	α-OH	OH
578	β-COOH	H	β-OH	OH
579	α-COOH	H	α-OH	OH
580	H	OH	β-OH	OEt
581	β-COOH	H	α-OH	OAc
582	β-CH_2OH	H	α-OH	OH



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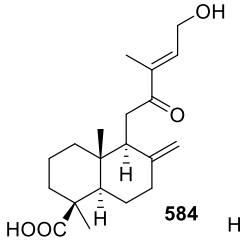

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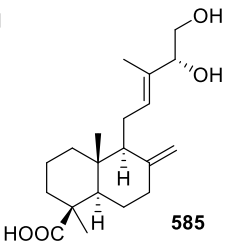

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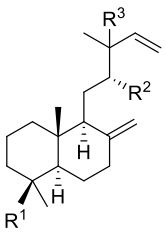
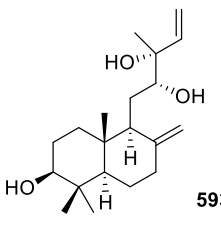


	R^1	R^2	R^3
586	CH_2OMe	H	α-OH
587	COOH	OH	β-OH
588	COOH	OH	α-OMe
589	COOH	OH	β-OMe
590	CH_2OH	H	α-OH
591	COOH	H	α-OH
592	COOH	OH	α-OH



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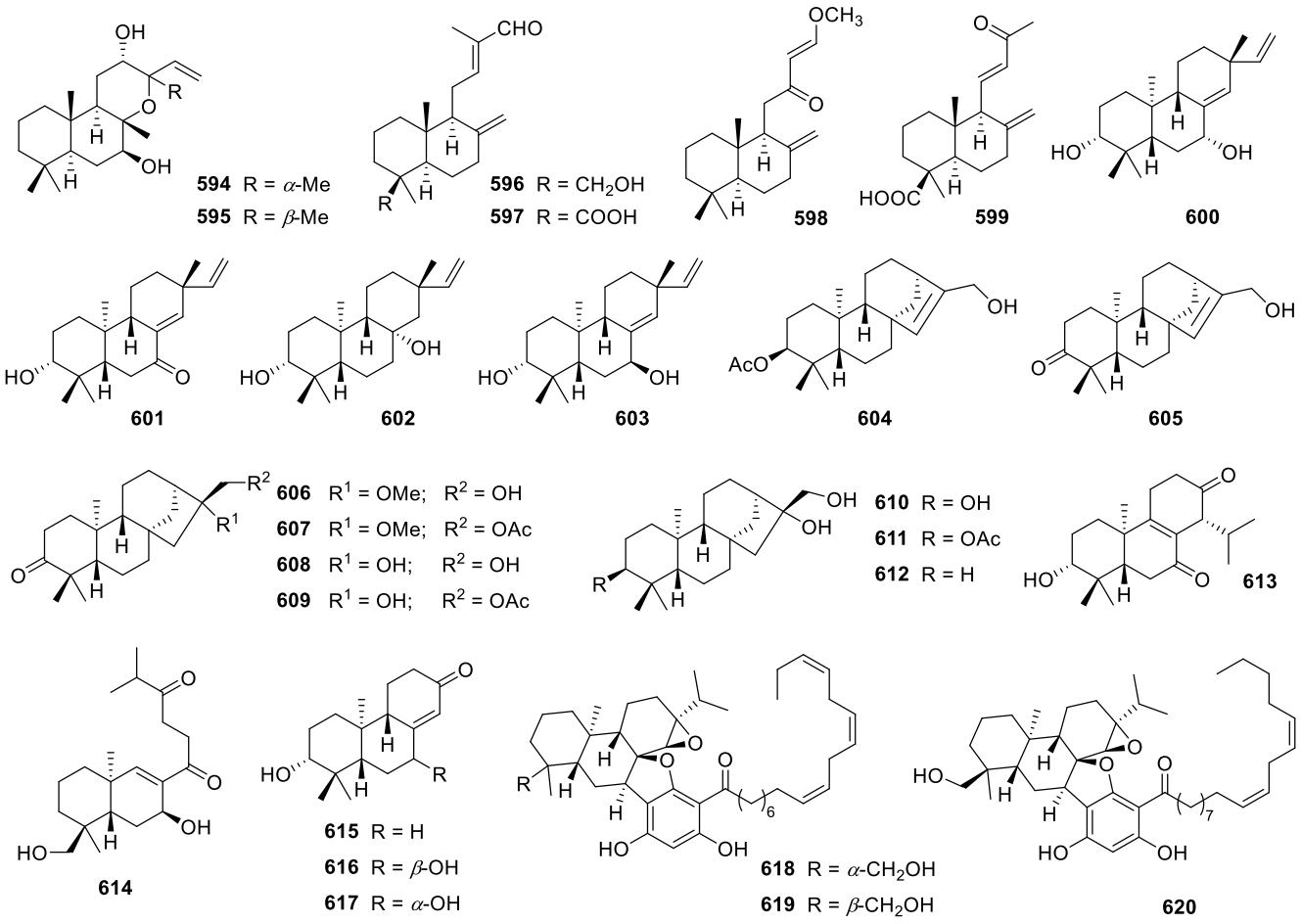

Fig. S10 Diterpenoids (**532**–**620**) identified from Chloranthaceae.

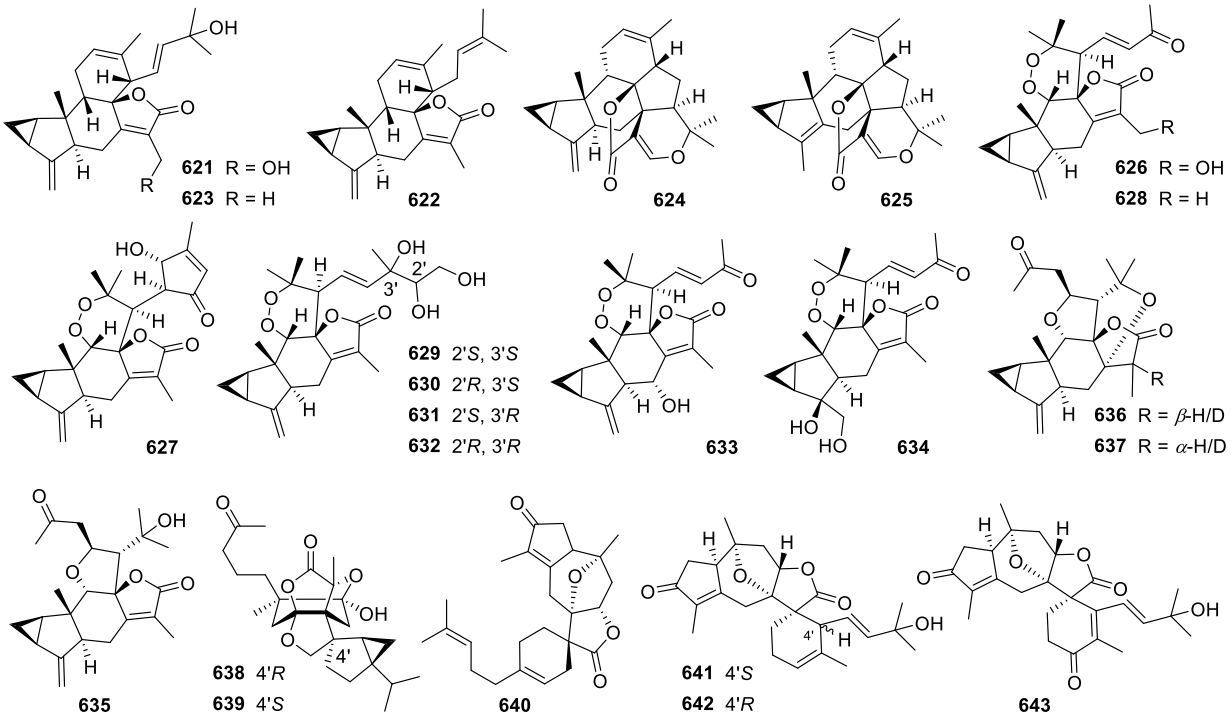

Fig. S11 Sesquiterpenoid-monoterpenoid heterodimers (**621**–**643**) identified from Chloranthaceae.

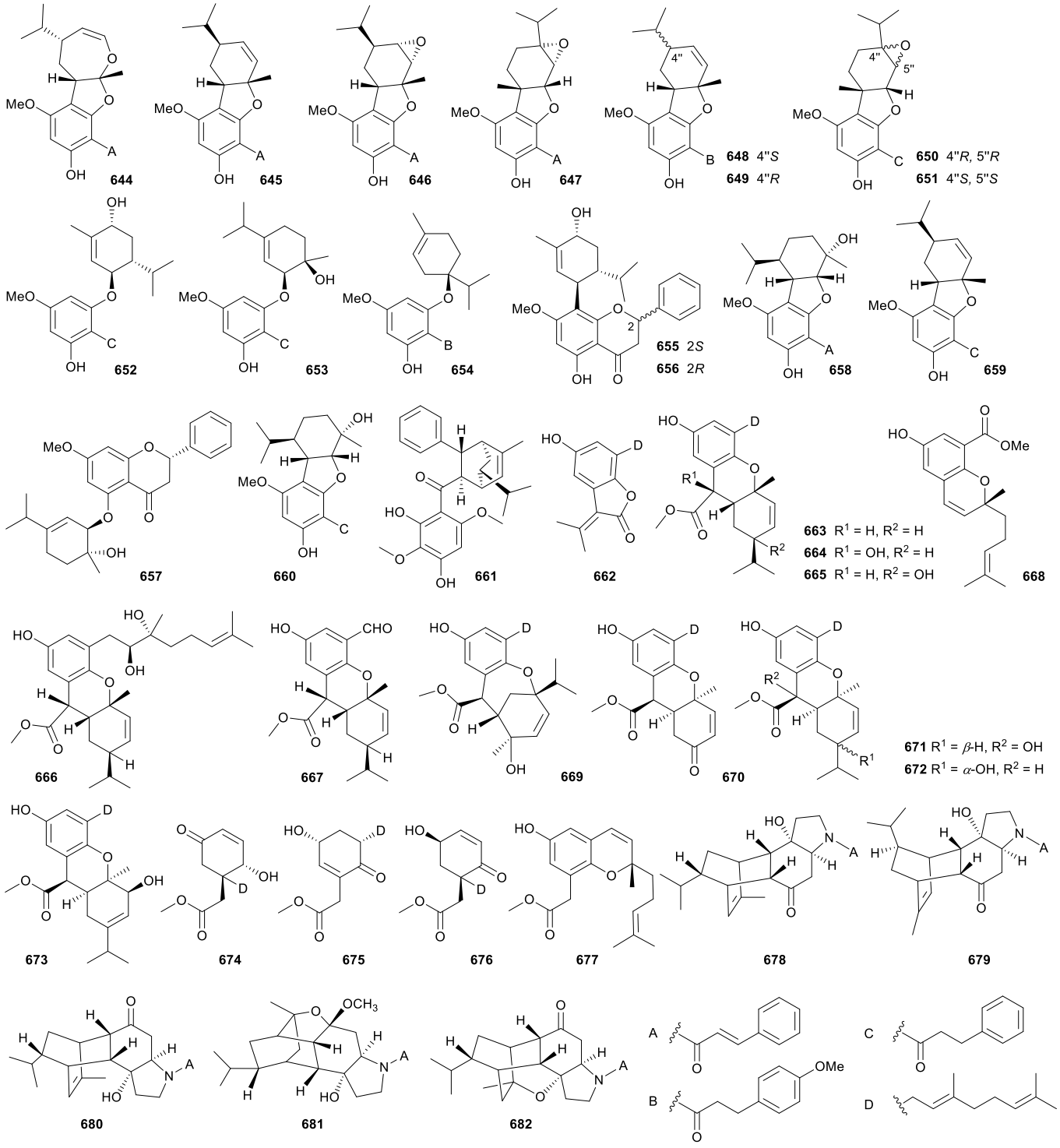

Fig. S12 Meroterpenoids (**644**–**682**) identified from Chloranthaceae.

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