Electronic Supplementary Information

Xyloplains A–F, six new guaiane-type sesquiterpenoid dimers from *Xylopia vielana*

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[1]These authors contributed equally to this work.

Content

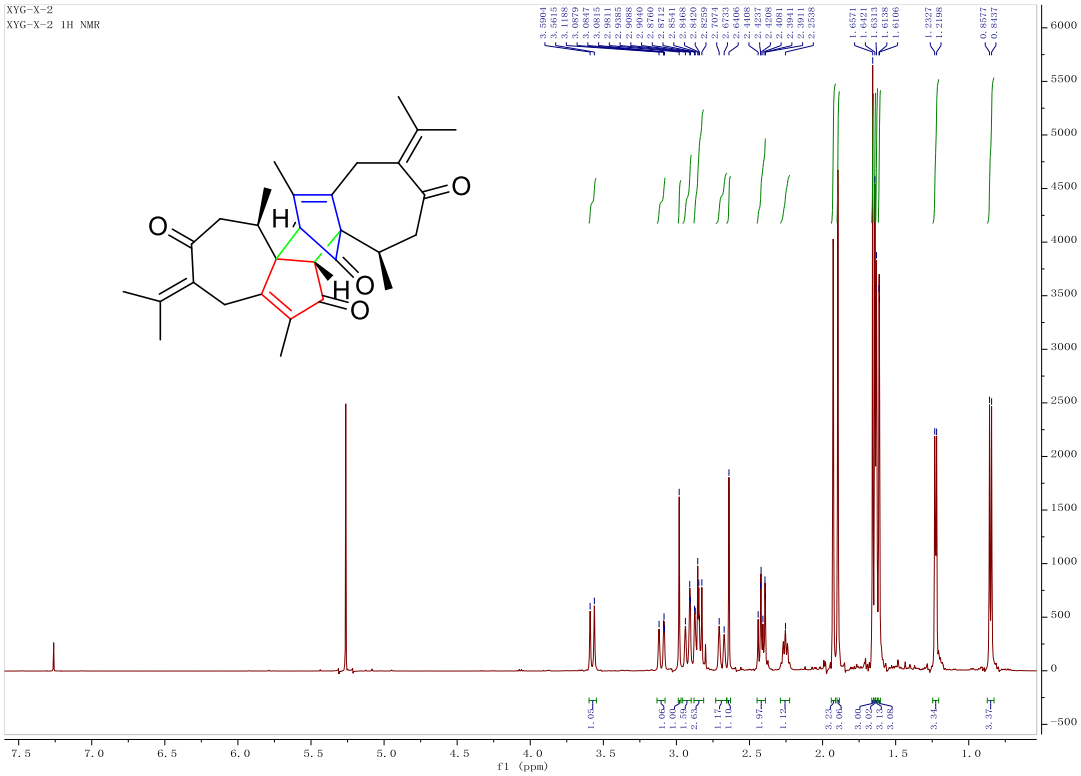

Fig. S1 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **1**

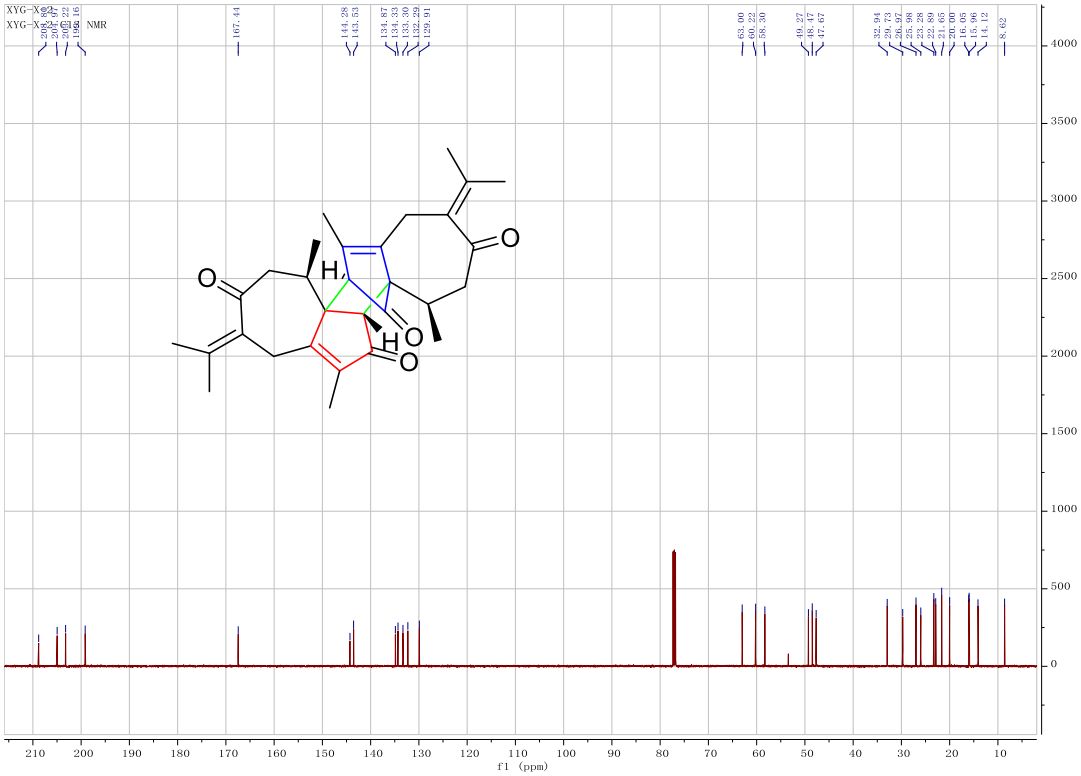

Fig. S2 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **1**

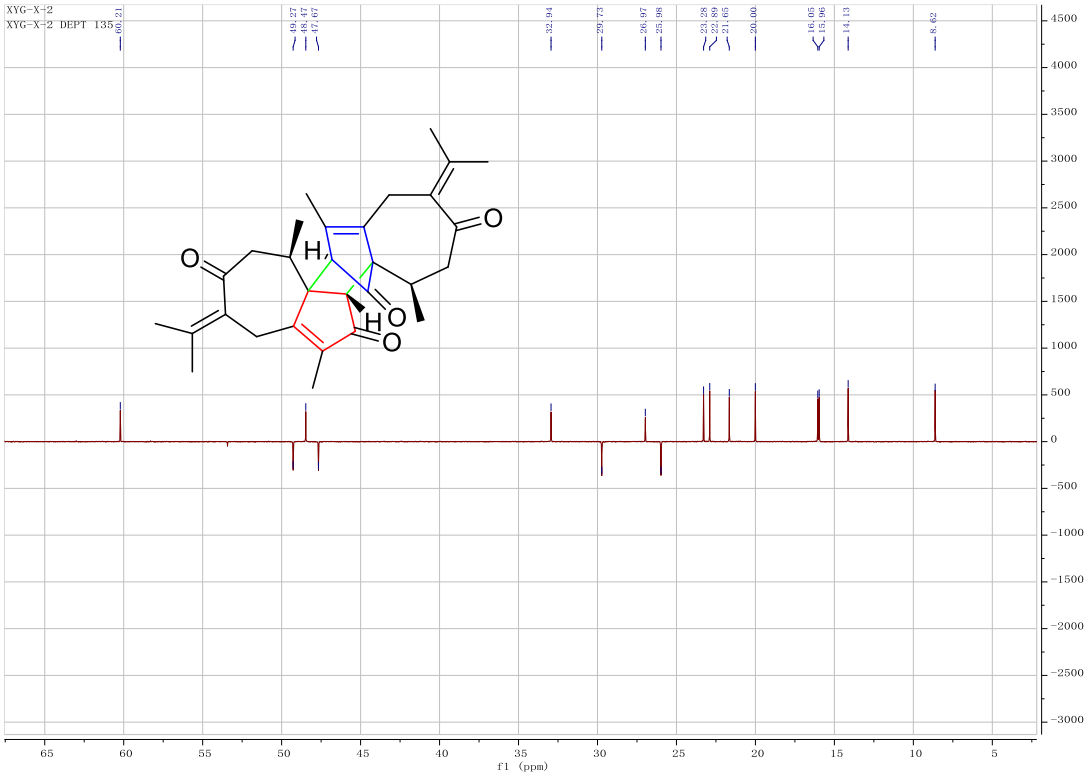

Fig. S3 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **1**

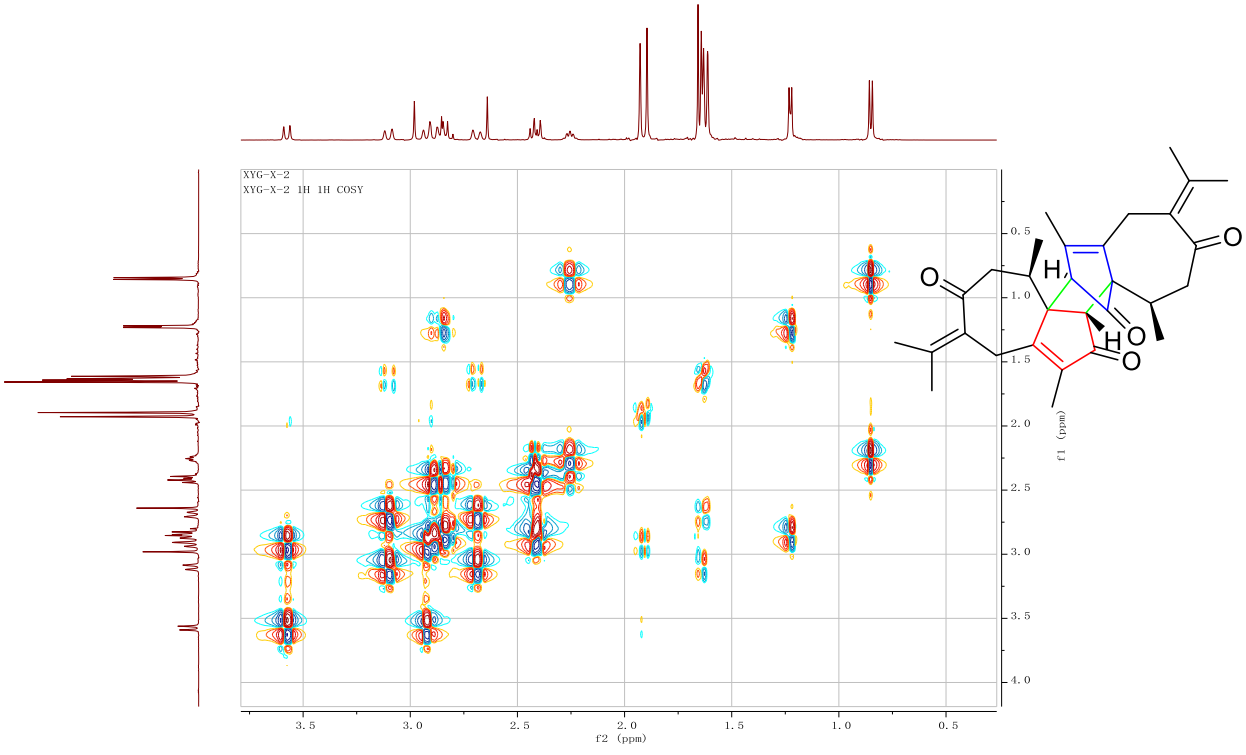

Fig. S4 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **1**

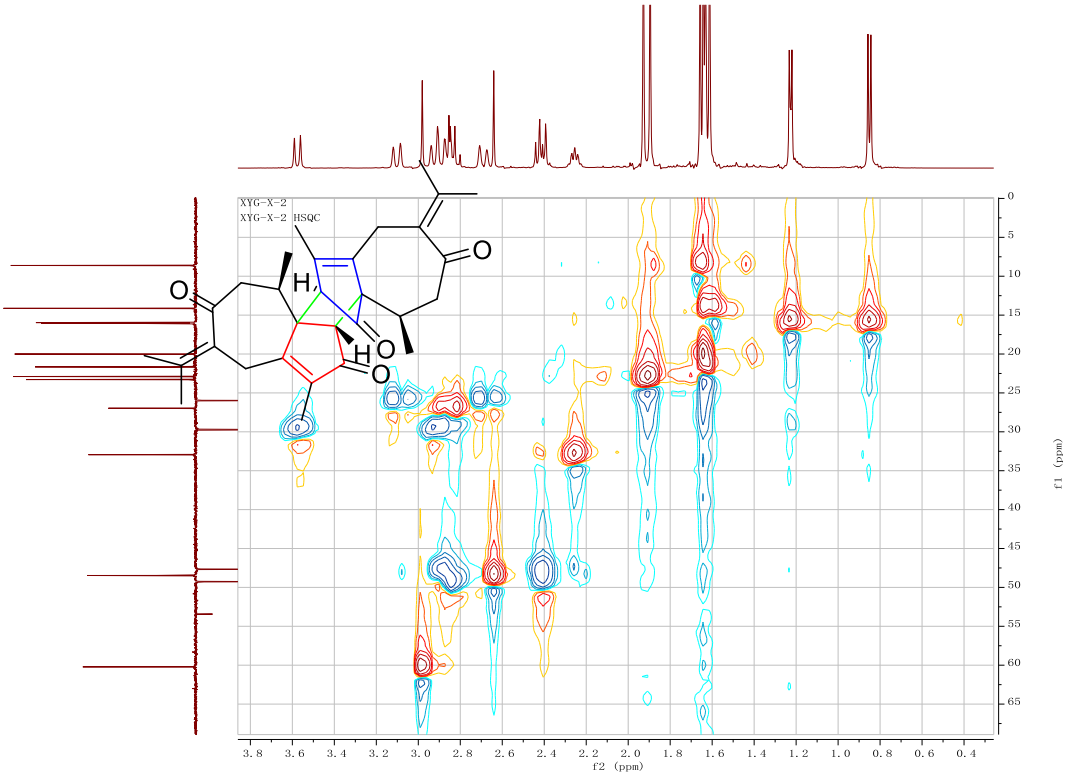

Fig. S5 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **1**

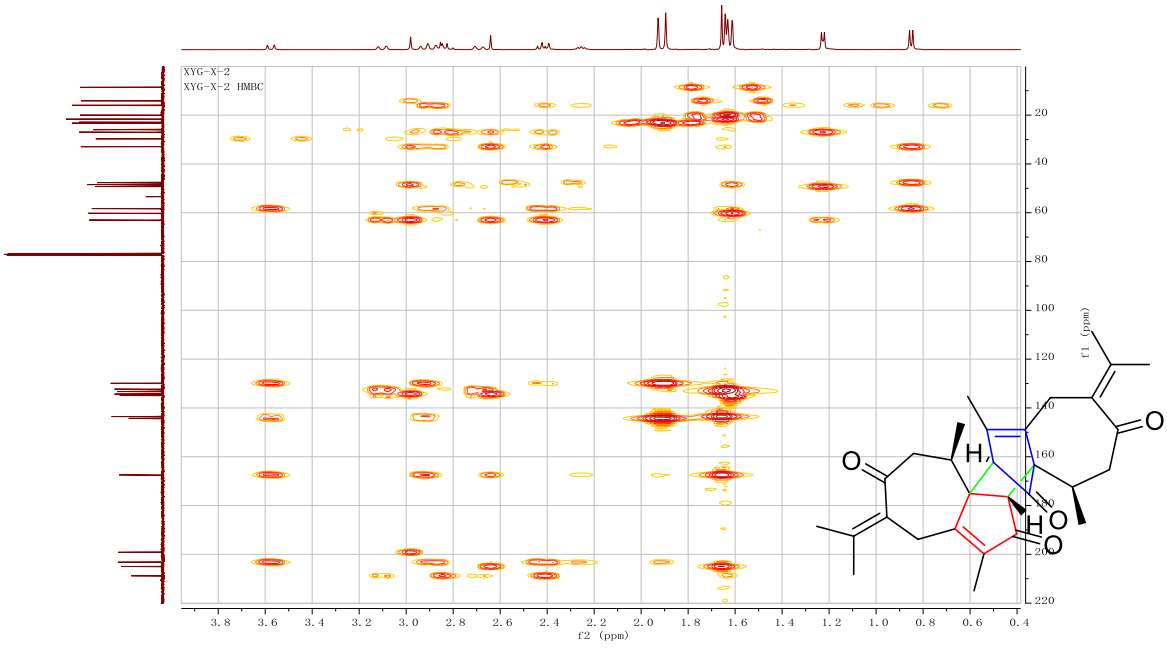

Fig. S6 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **1**

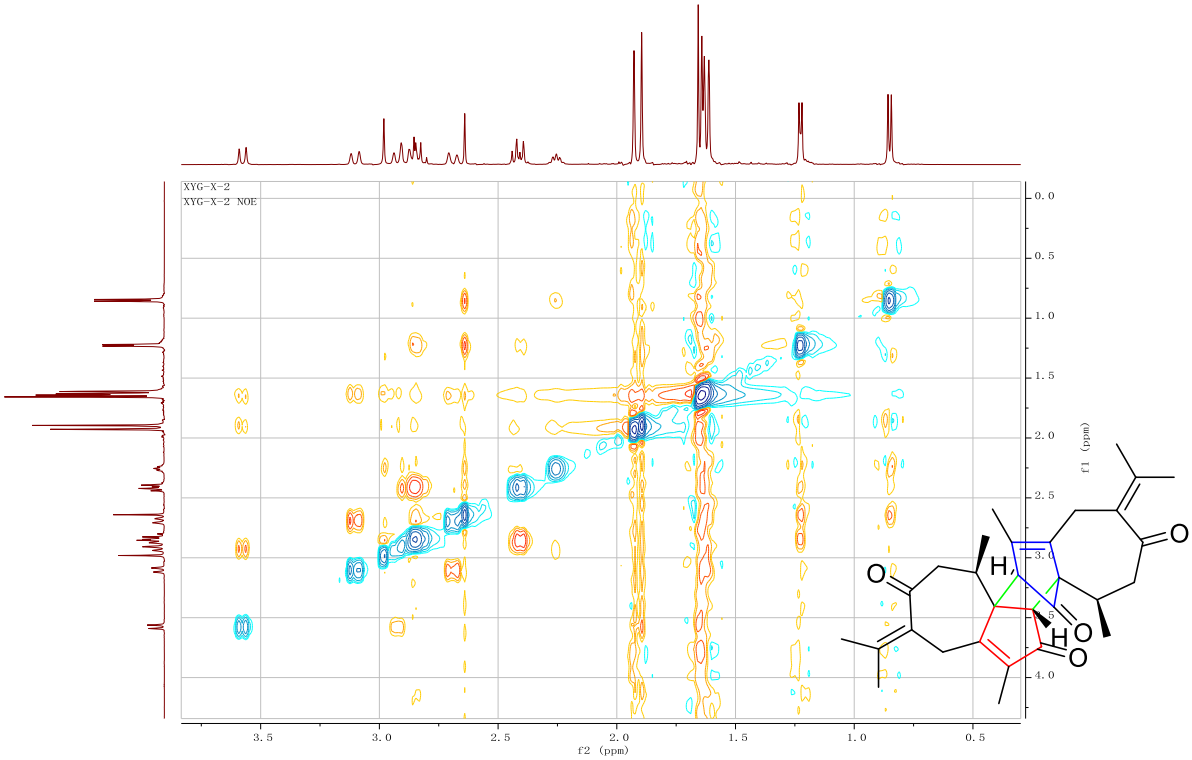

Fig. S7 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **1**

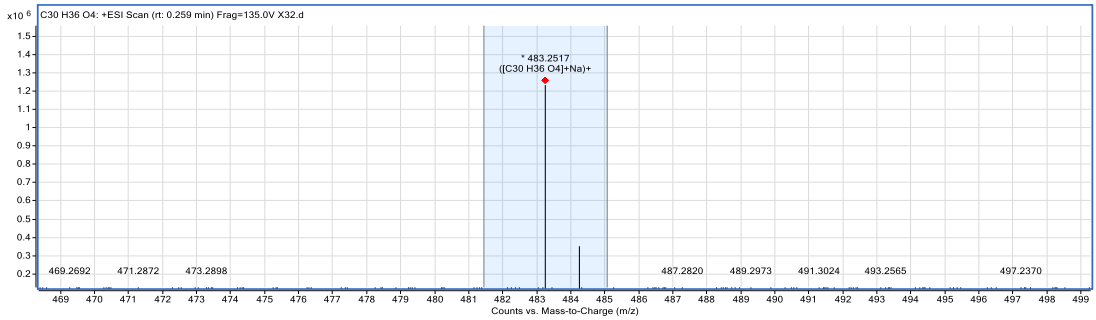

Fig. S8 HR-ESI-MS spectrum of compound **1**

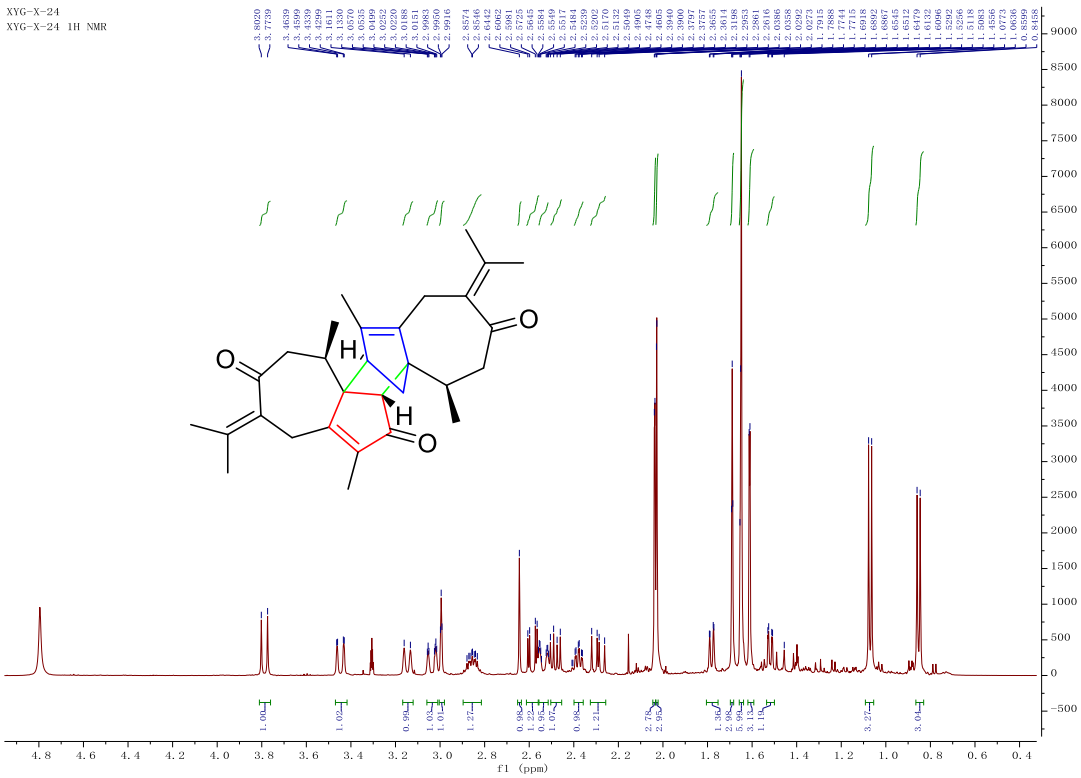

Fig. S9 ^{1}H NMR spectrum (500 MHz, CD_3OD) of compound **2**

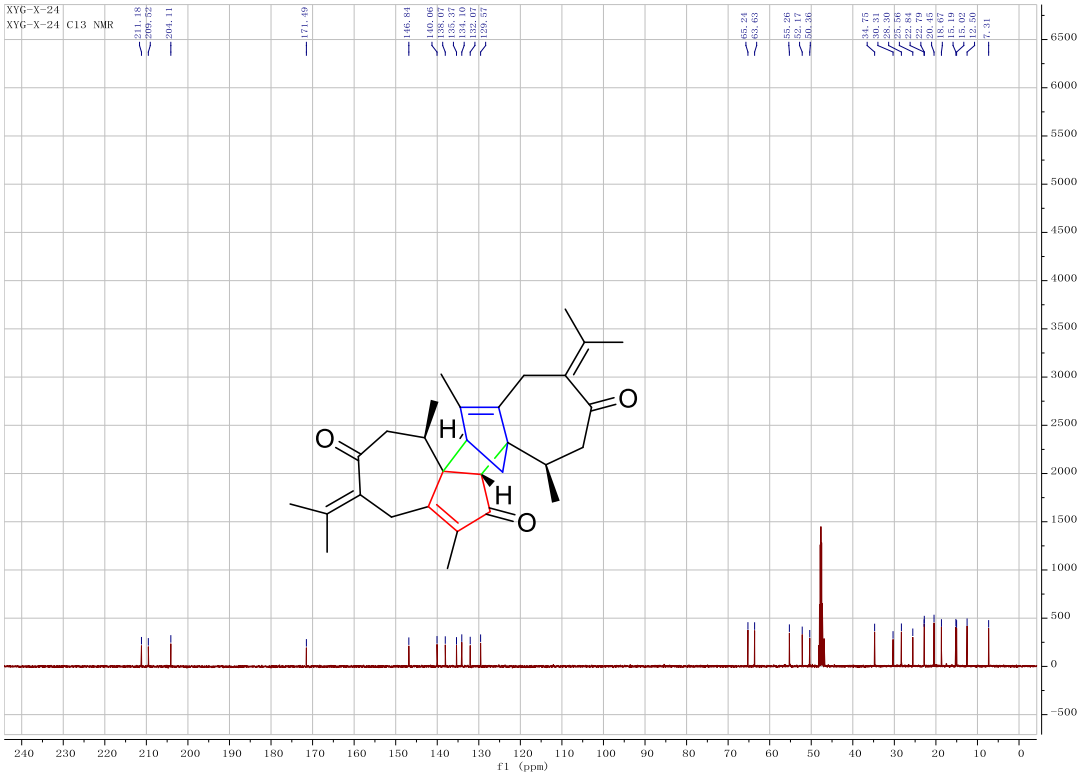

Fig. S10 ^{13}C NMR spectrum (125 MHz, CD_3OD) of compound **2**

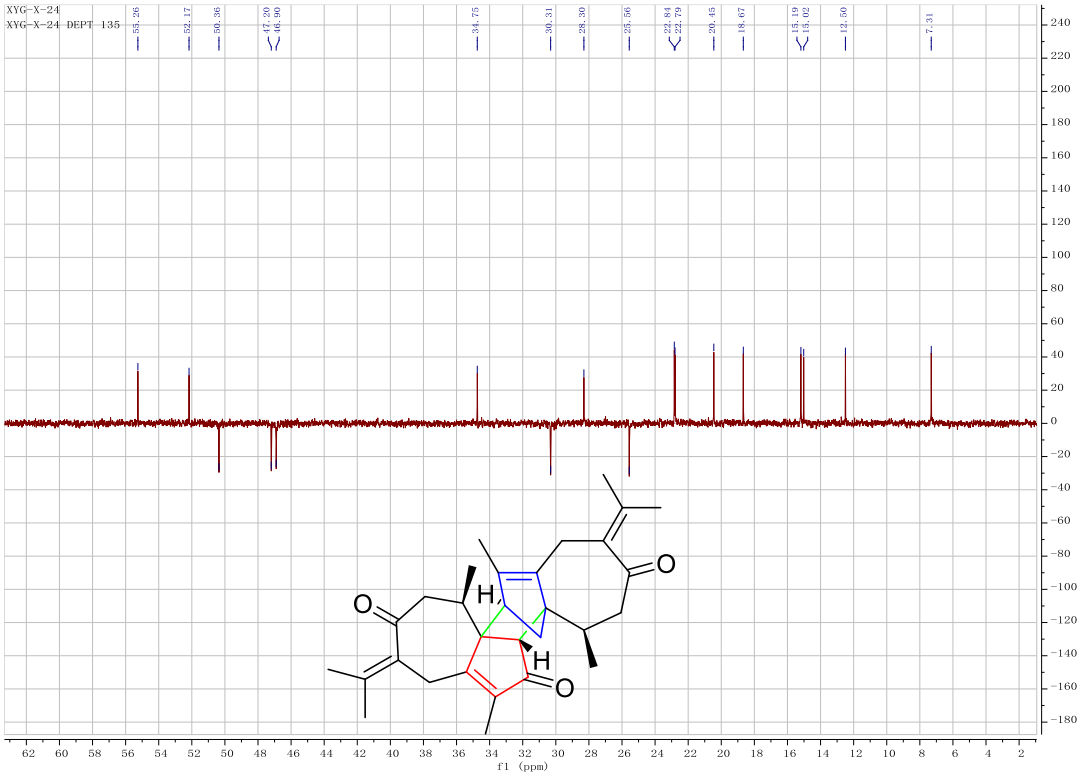

Fig. S11 DEPT spectrum (125 MHz, CD_3OD) of compound **2**

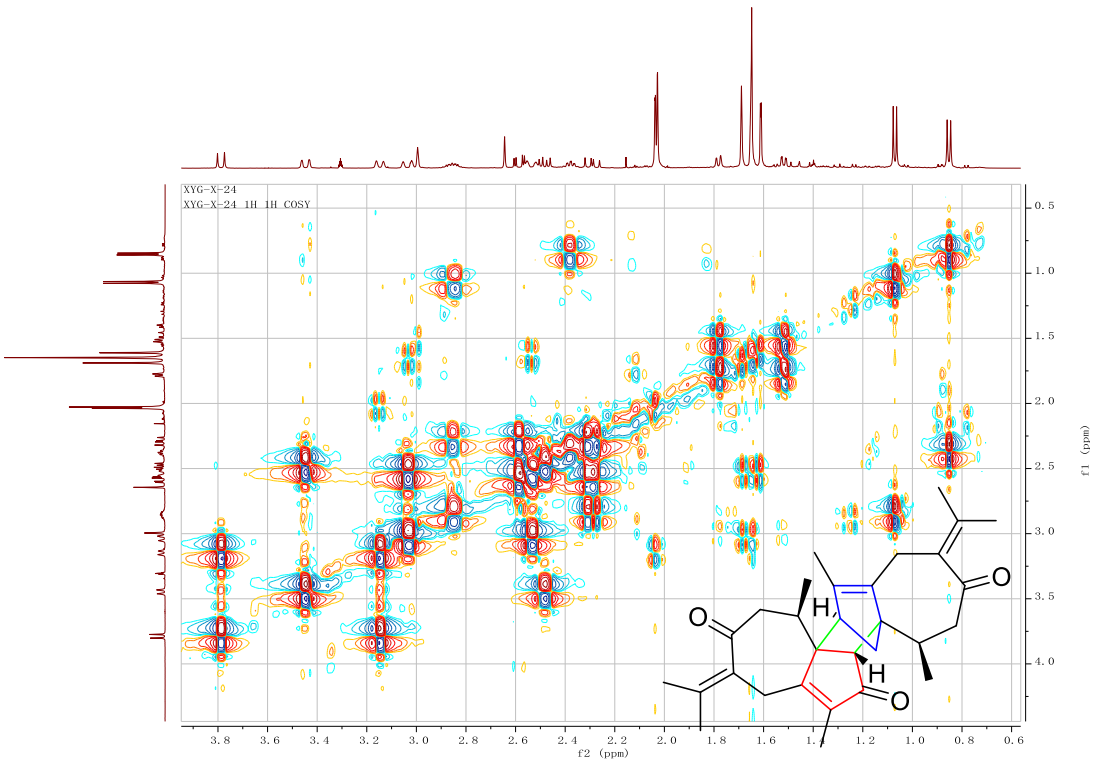

Fig. S12 ^1H-^1H COSY spectrum (500 MHz, CD_3OD) of compound **2**

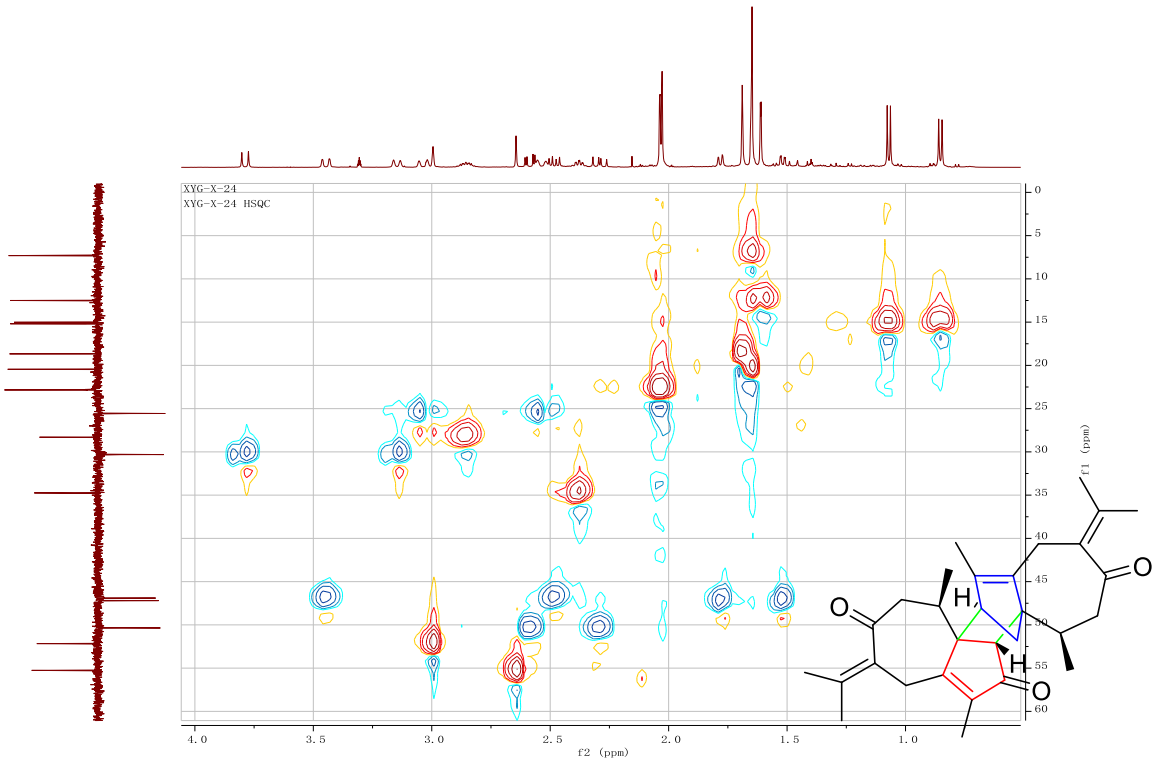

Fig. S13 HSQC spectrum (500 MHz, CD_3OD) of compound **2**

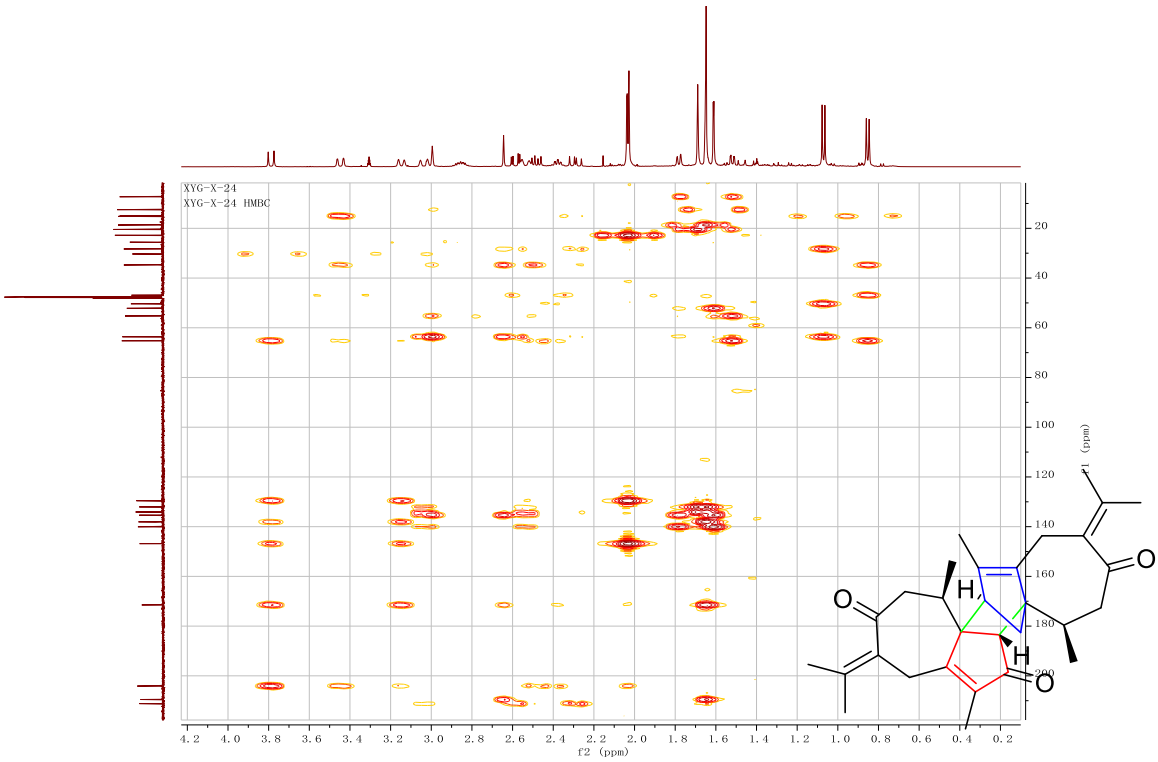

Fig. S14 HMBC spectrum (500 MHz, CD_3OD) of compound **2**

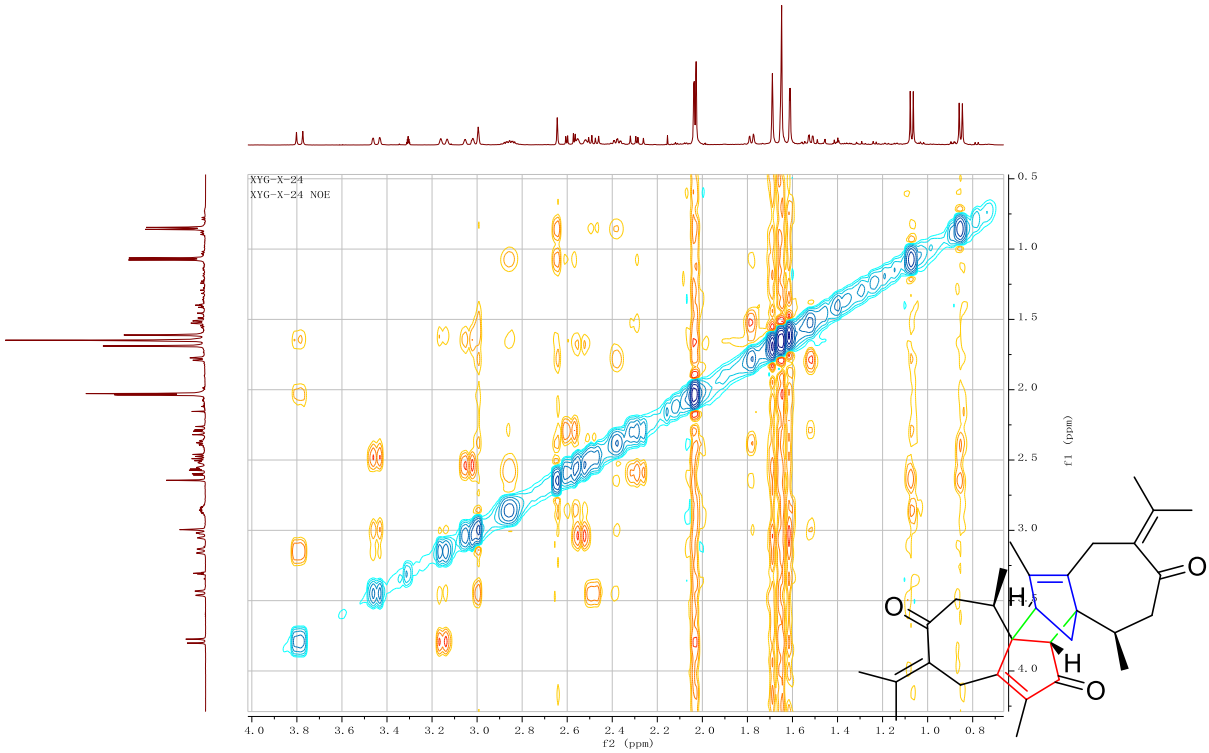

Fig. S15 NOESY spectrum of compound **2**

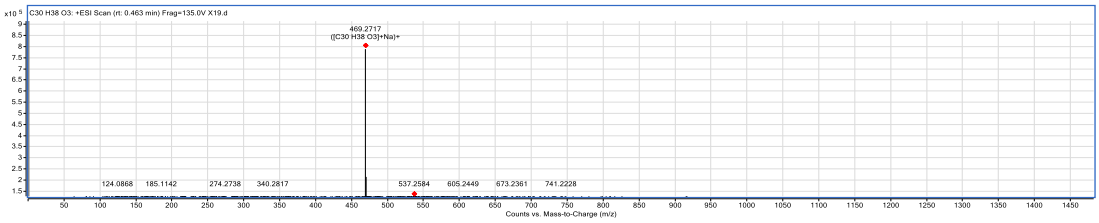

Fig. S16 HR-ESI-MS spectrum of compound **2**

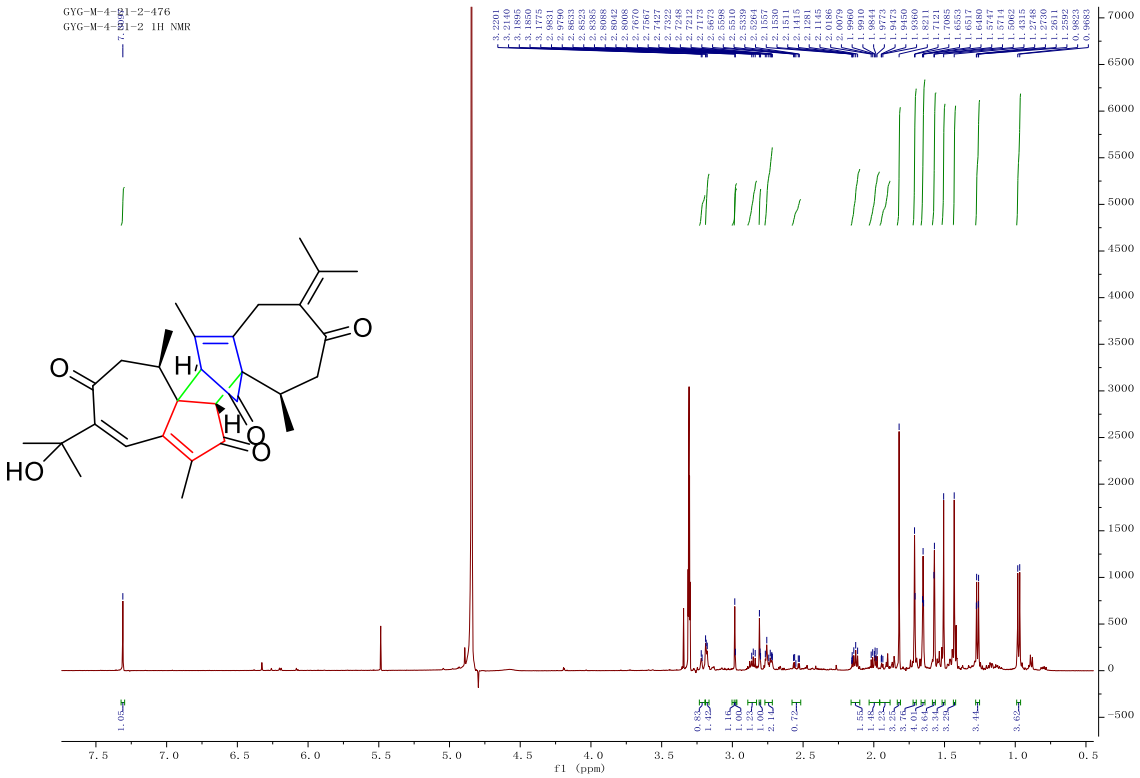

Fig. S17 ^{1}H NMR spectrum (500 MHz, CD_3OD) of compound **3**

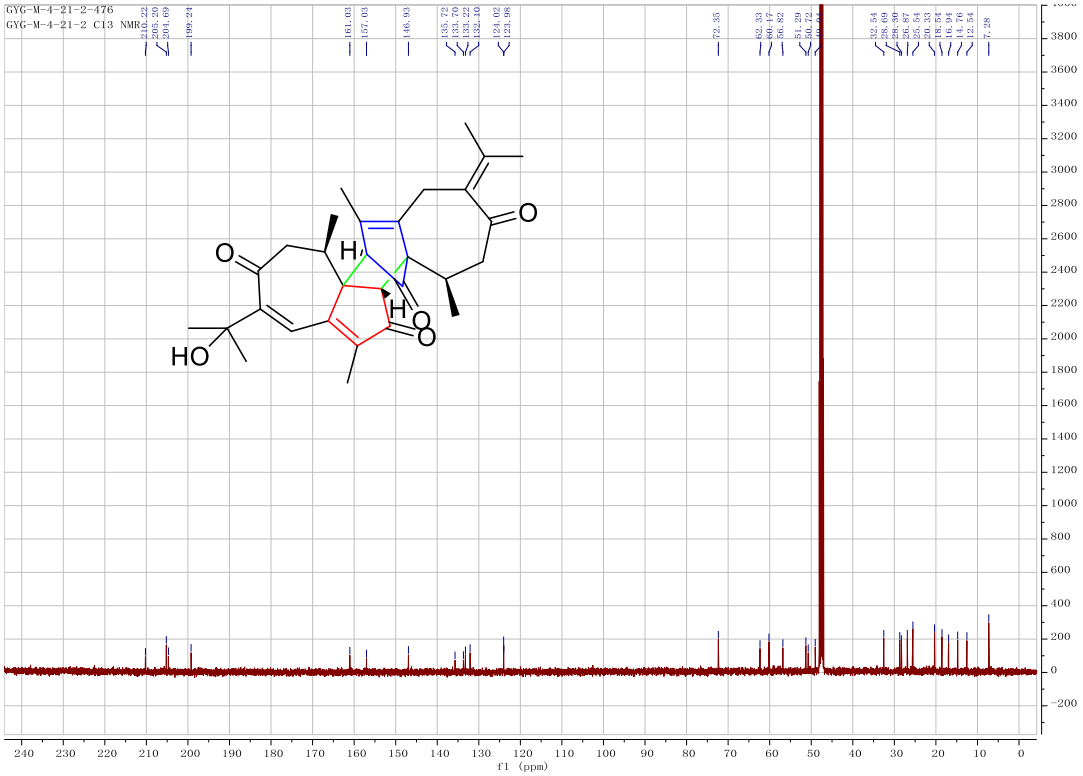

Fig. S18 ^{13}C NMR spectrum (125 MHz, CD_3OD) of compound **3**

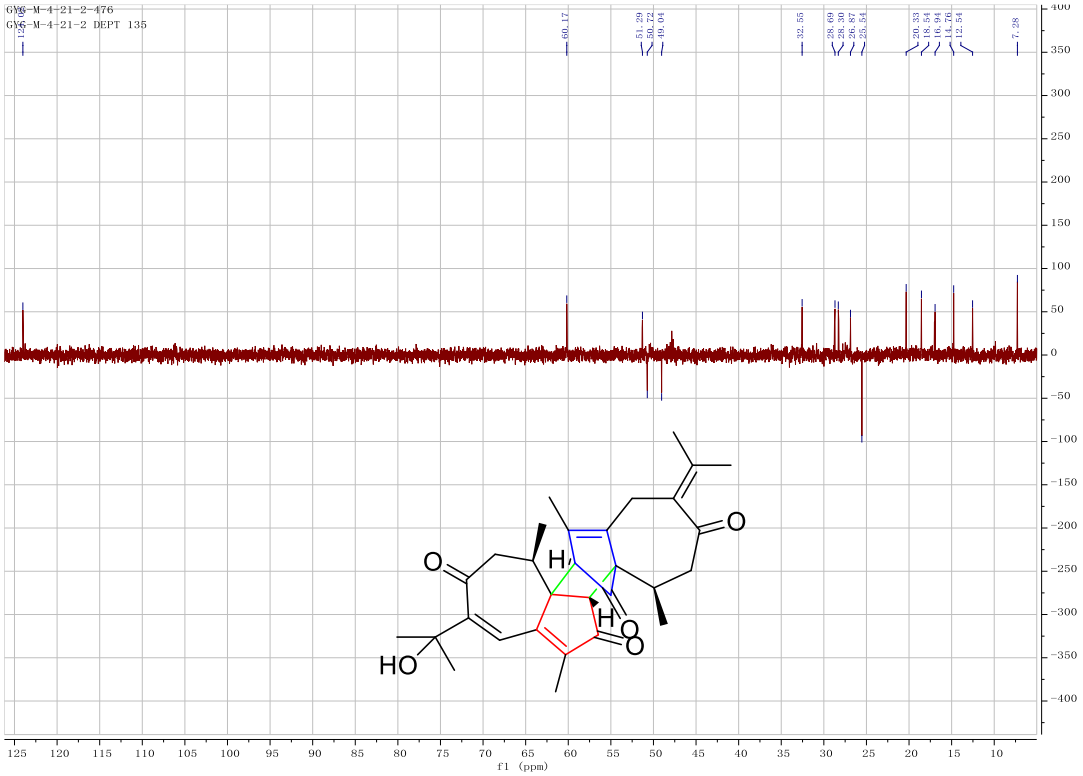

Fig. S19 DEPT spectrum (125 MHz, CD_3OD) of compound **3**

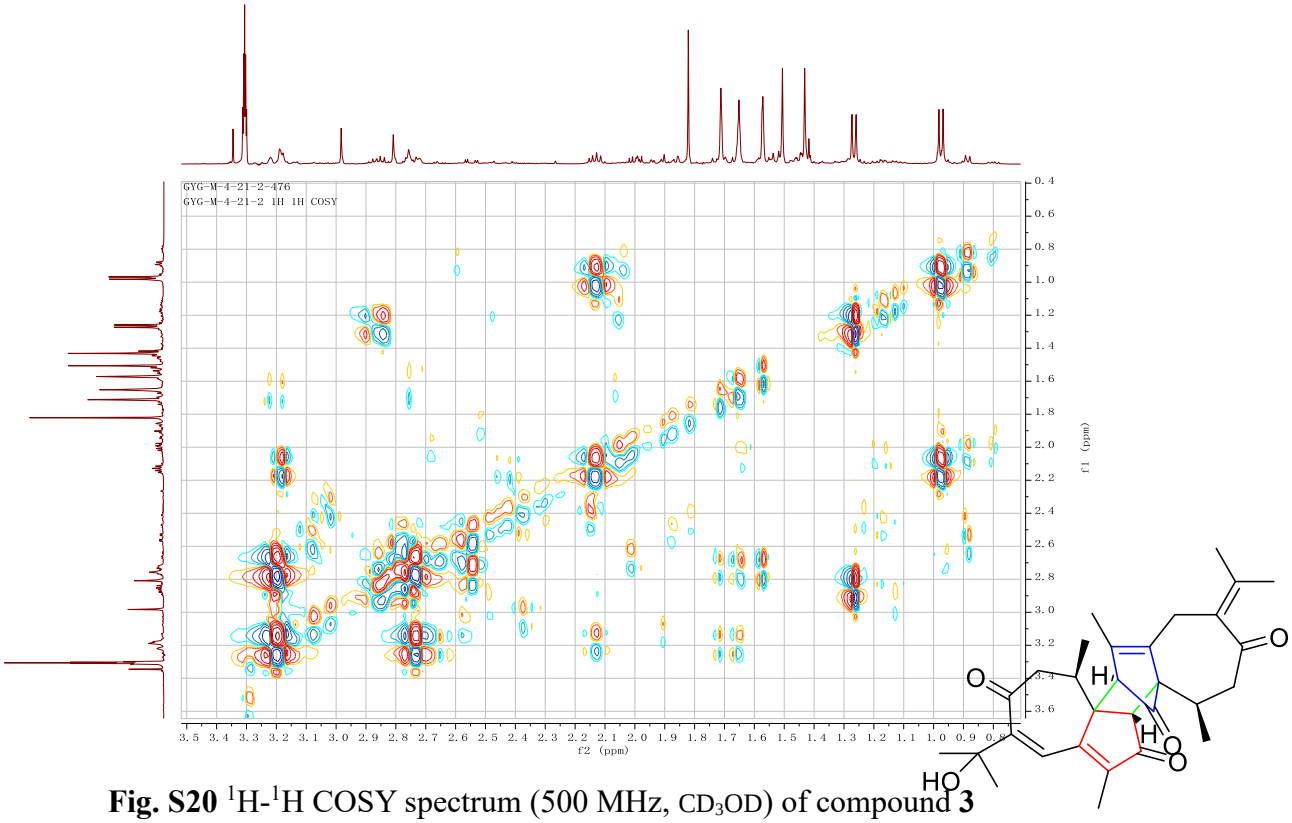

Fig. S20 ^1H-^1H COSY spectrum (500 MHz, CD_3OD) of compound **3**

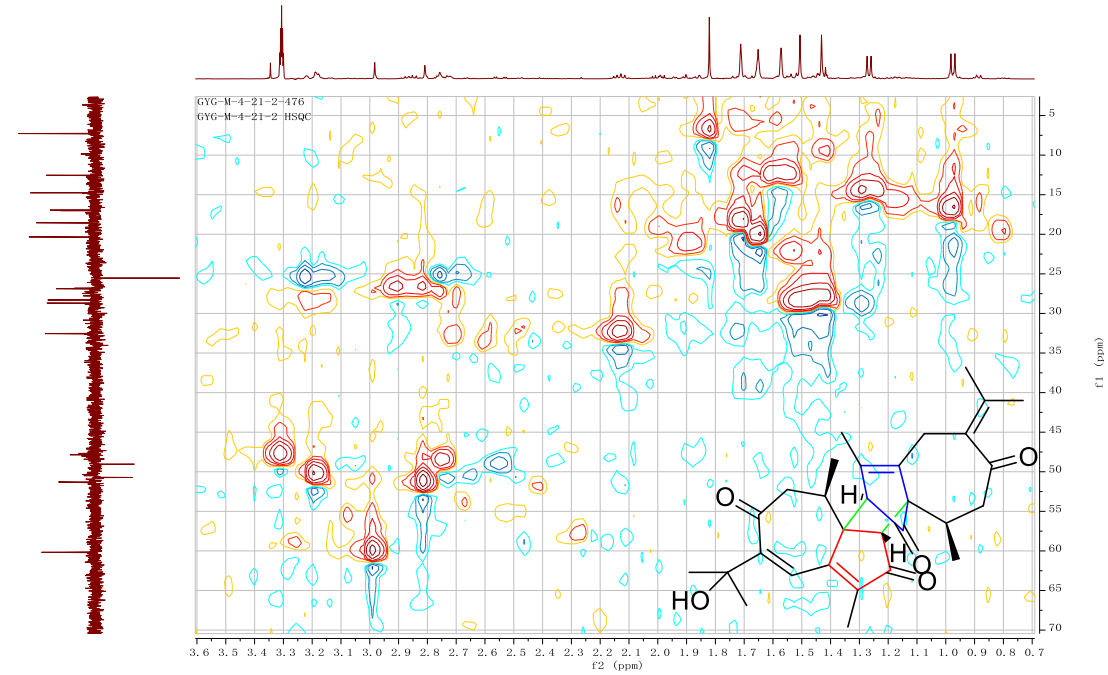

Fig. S21 HSQC spectrum (500 MHz, CD_3OD) of compound **3**

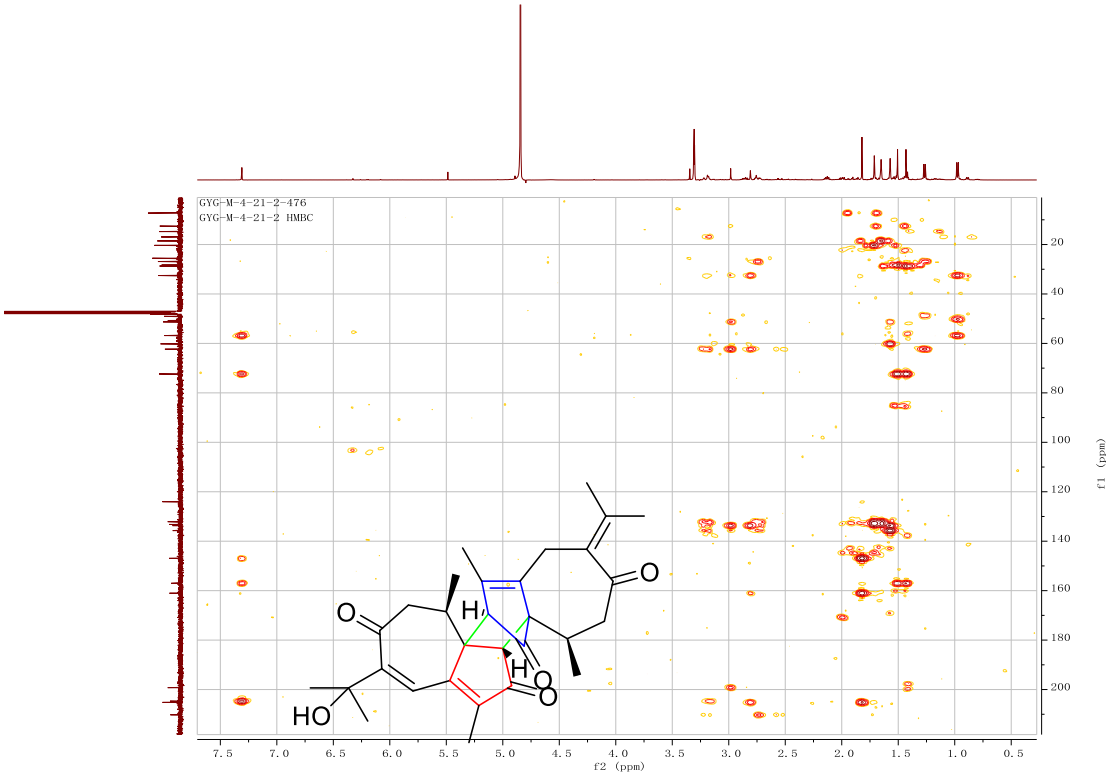

Fig. S22 HMBC spectrum (500 MHz, CD_3OD) of compound **3**

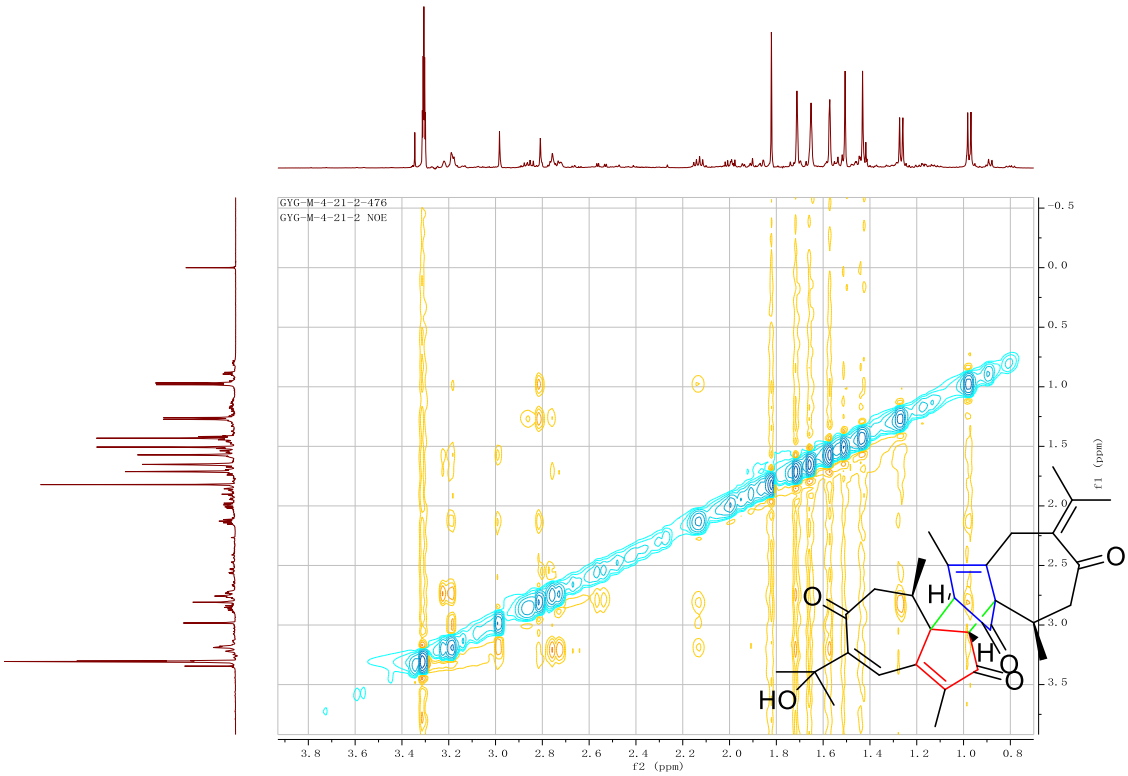

Fig. S23 NOESY spectrum (500 MHz, CD_3OD) of compound **3**

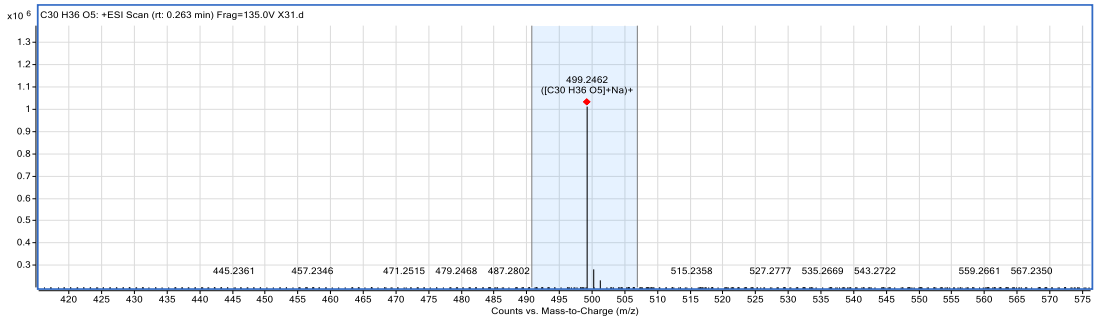

Fig. S24 HR-ESI-MS spectrum of compound **3**

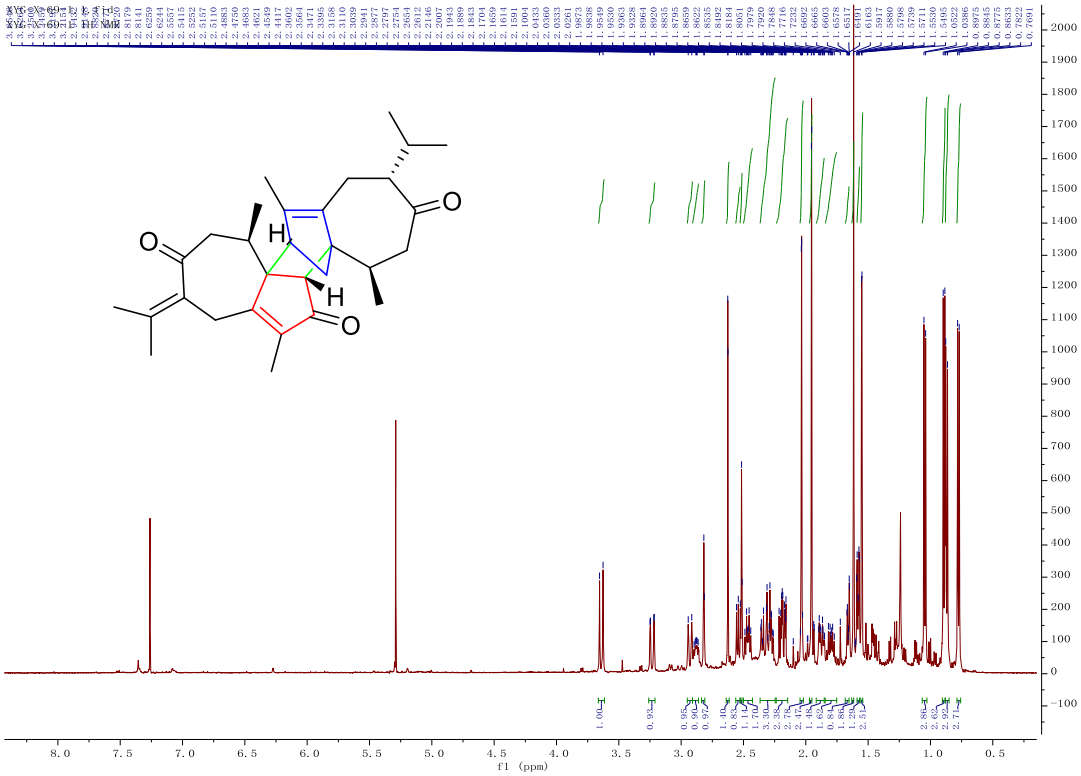

Fig. S25 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **4**

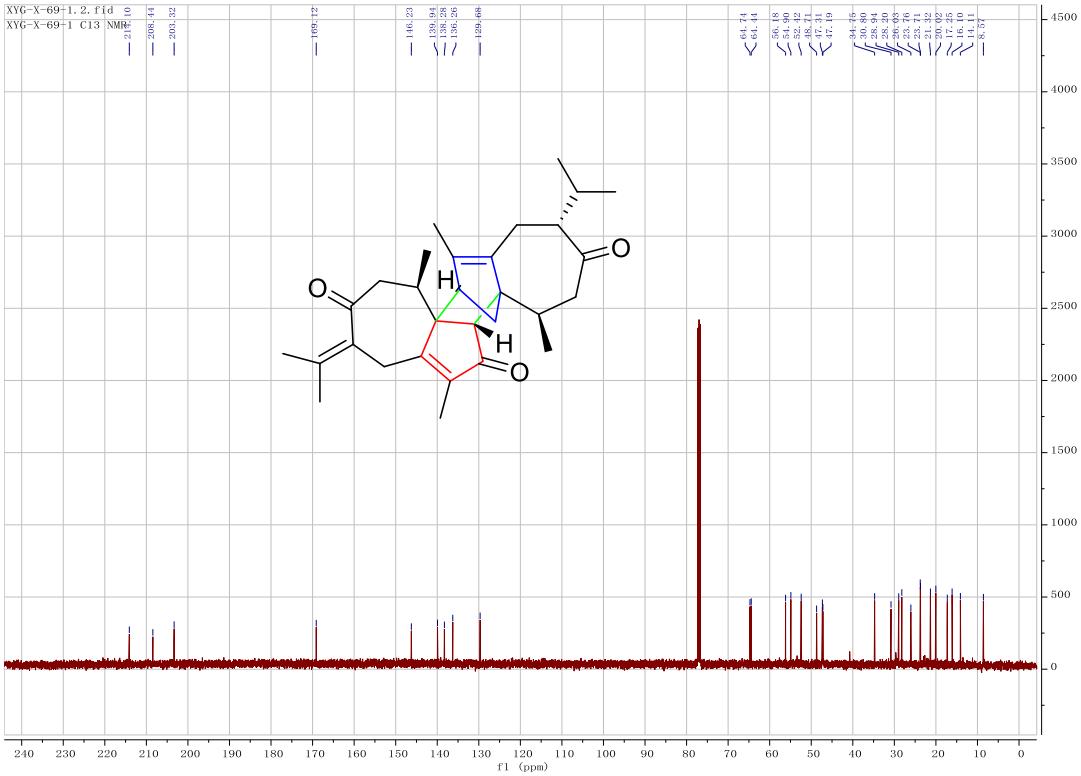

Fig. S26 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **4**

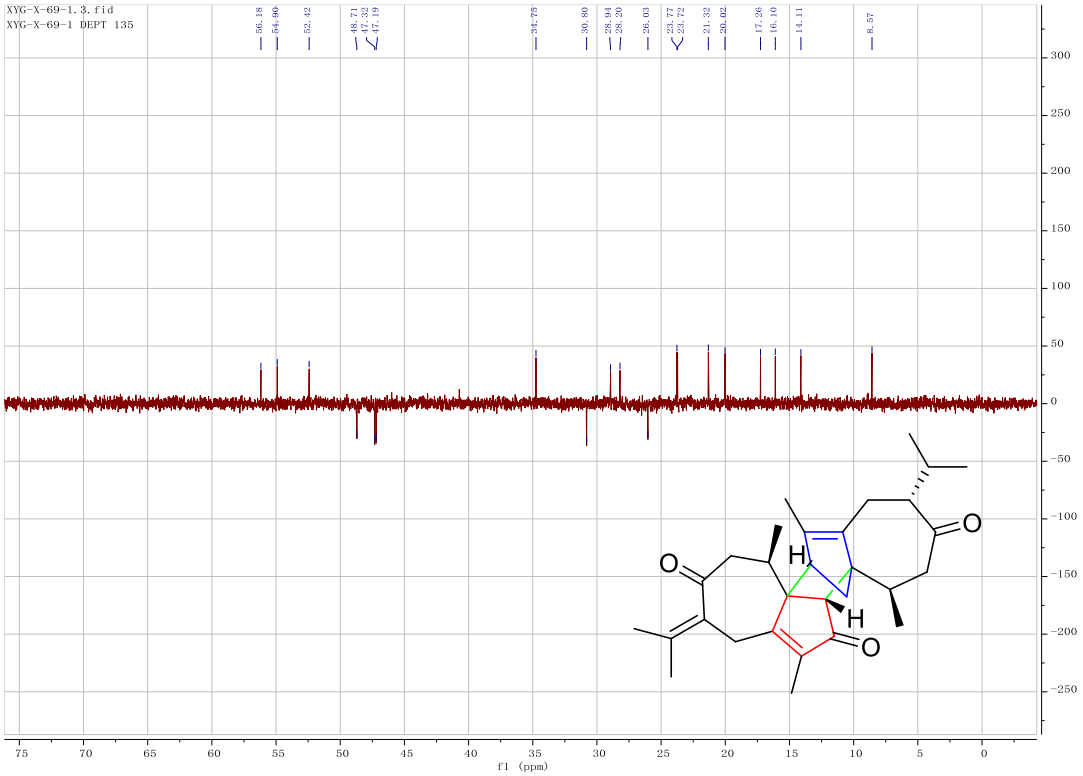

Fig. S27 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **4**

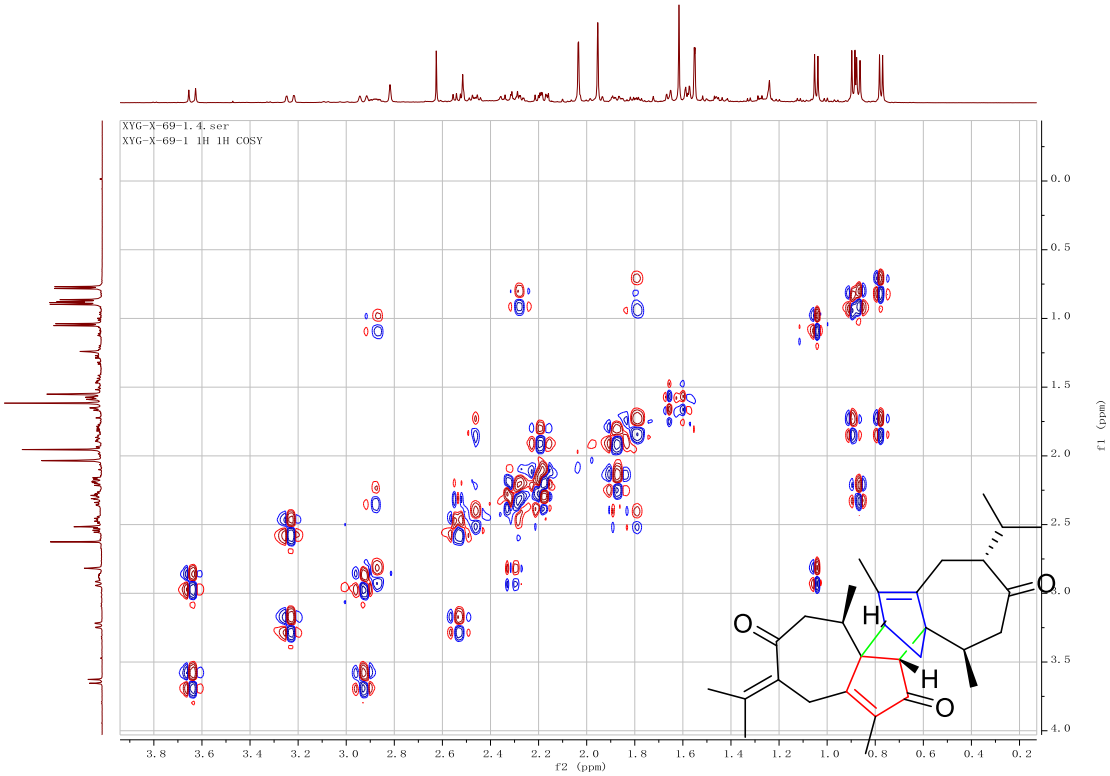

Fig. S28 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **4**

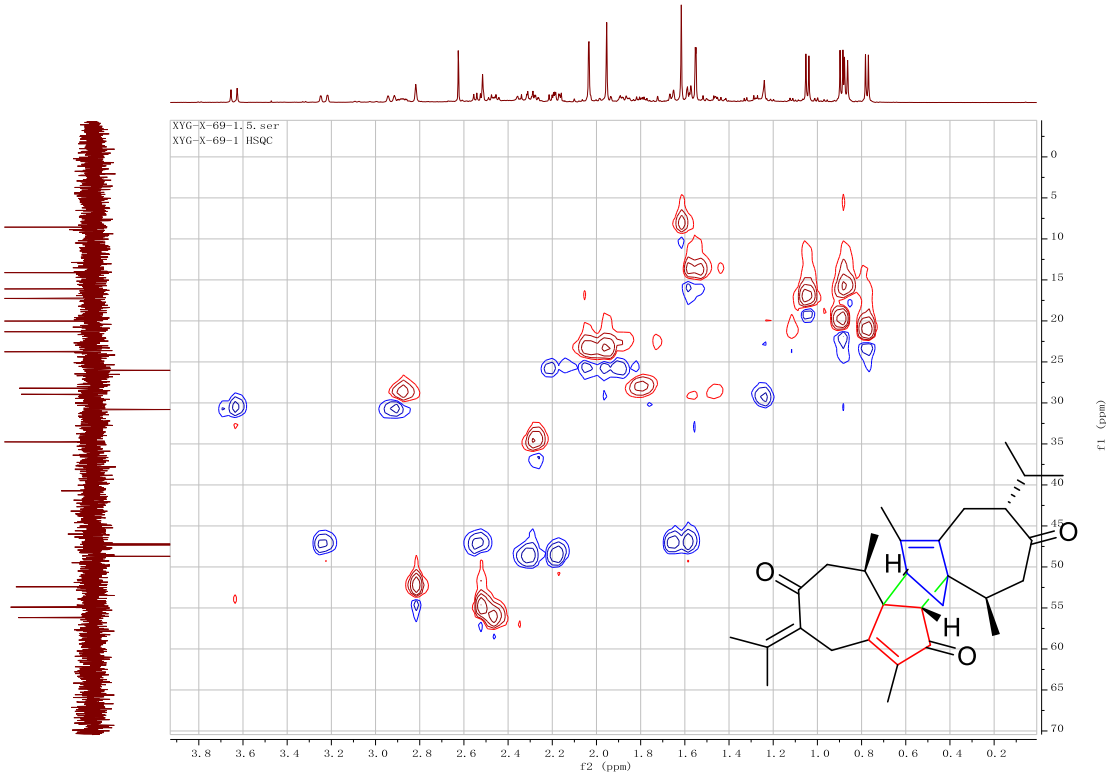

Fig. S29 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **4**

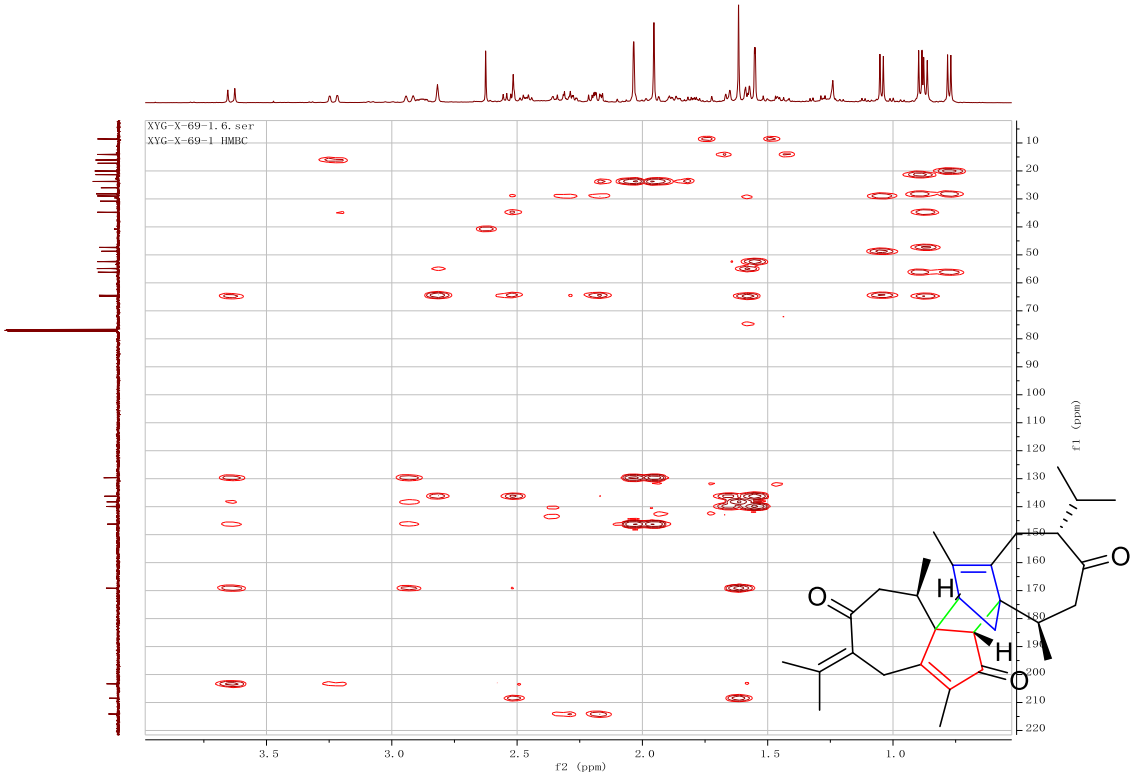

Fig. S30 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **4**

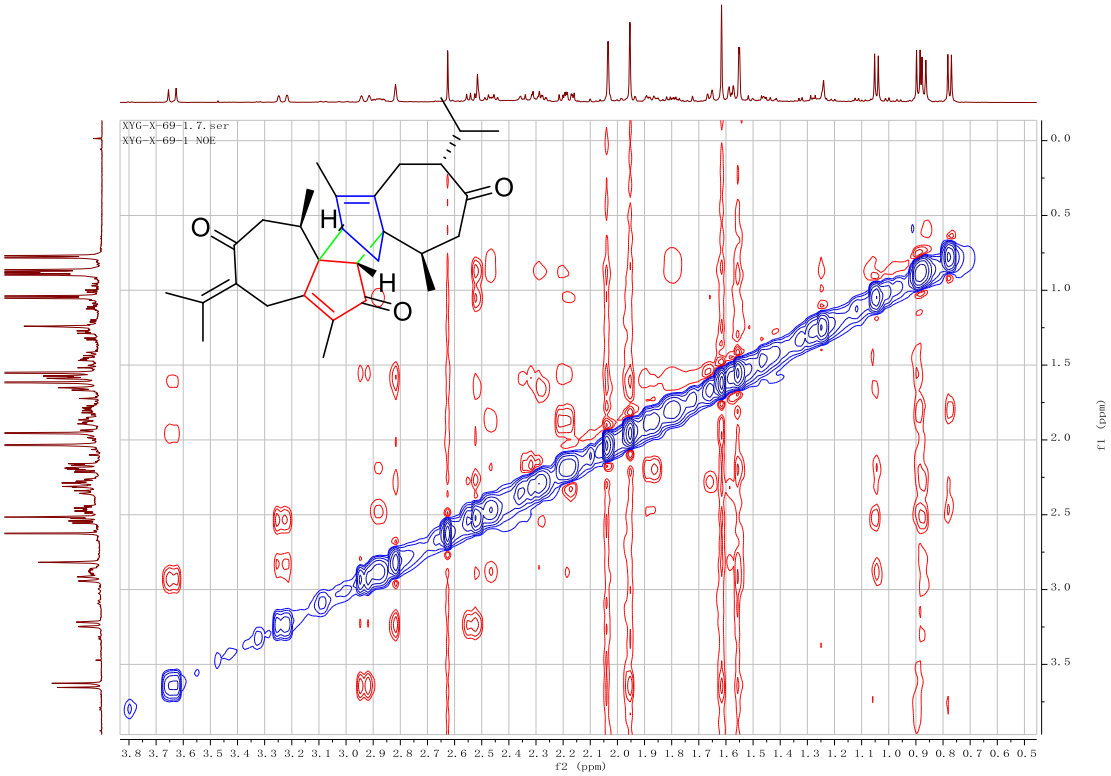

Fig. S31 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **4**

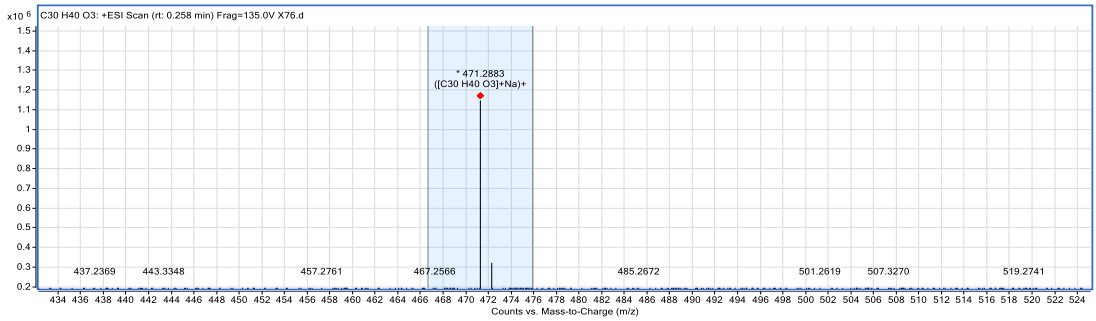

Fig. S32 HR-ESI-MS spectrum of compound **4**

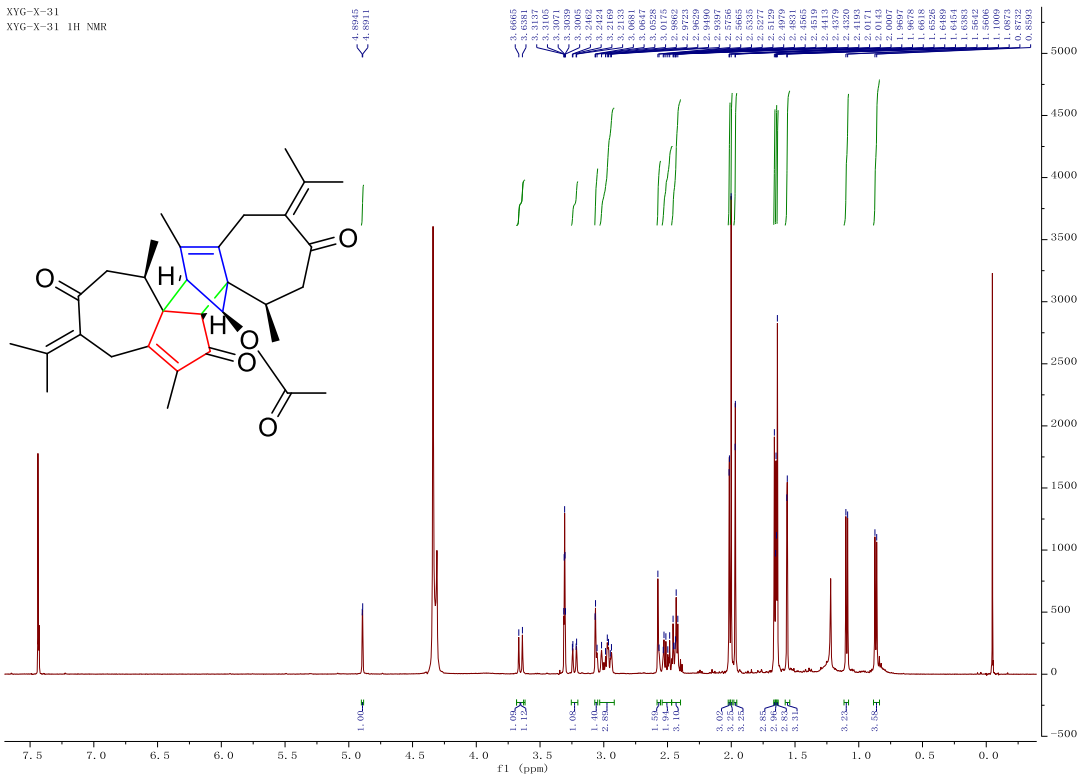

Fig. S33 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

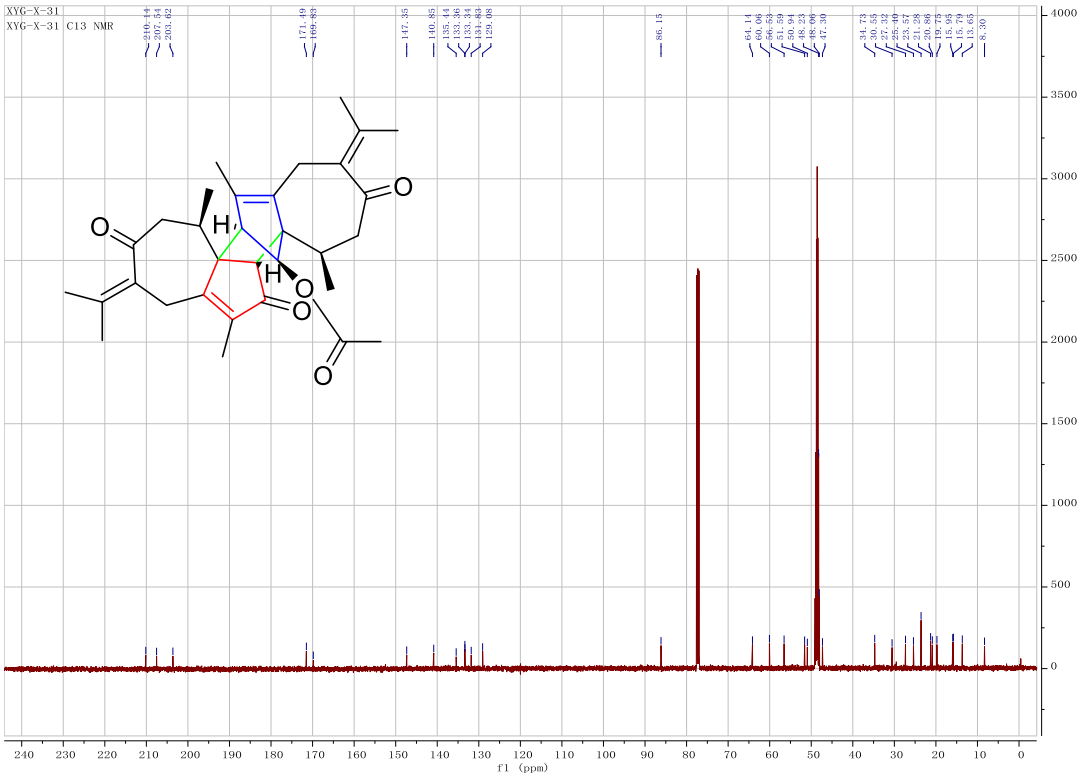

Fig. S34 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

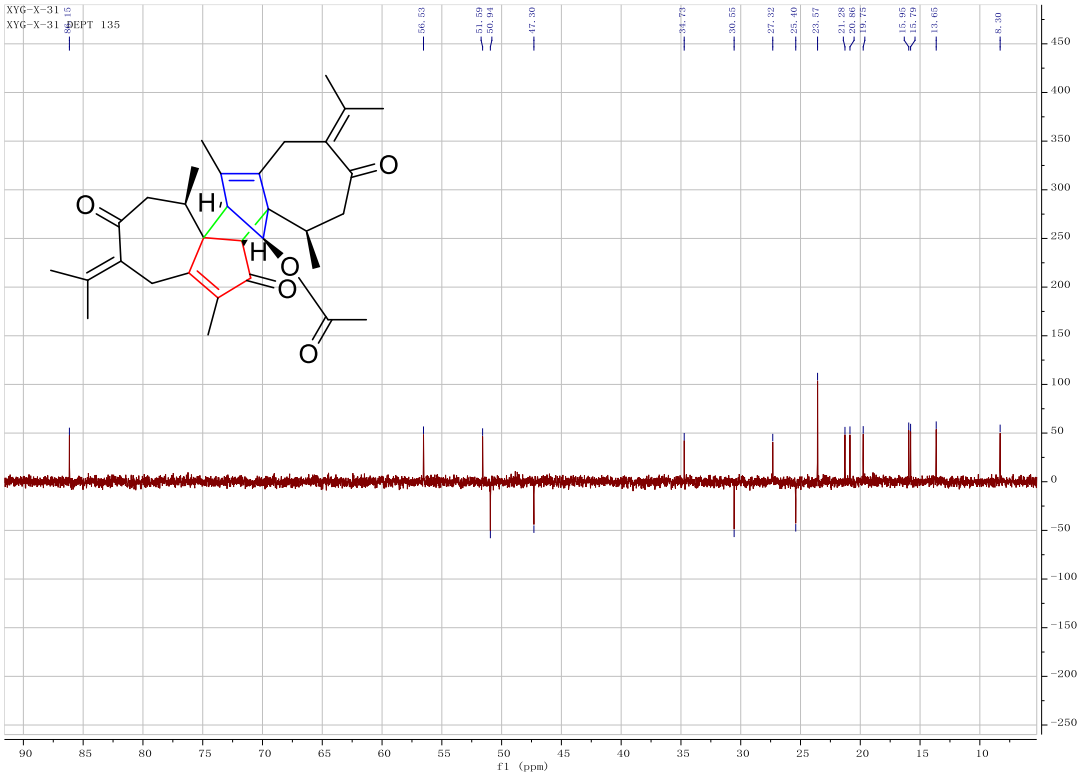

Fig. S35 DEPT spectrum (125 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

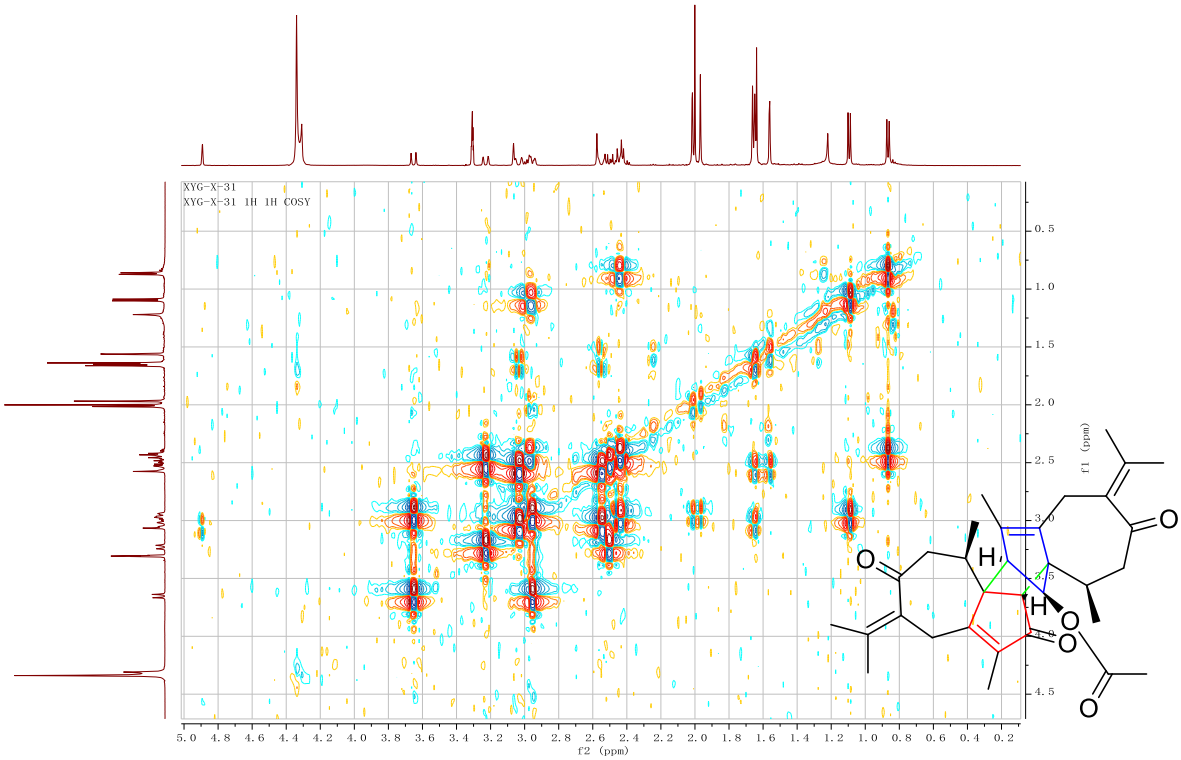

Fig. S36 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

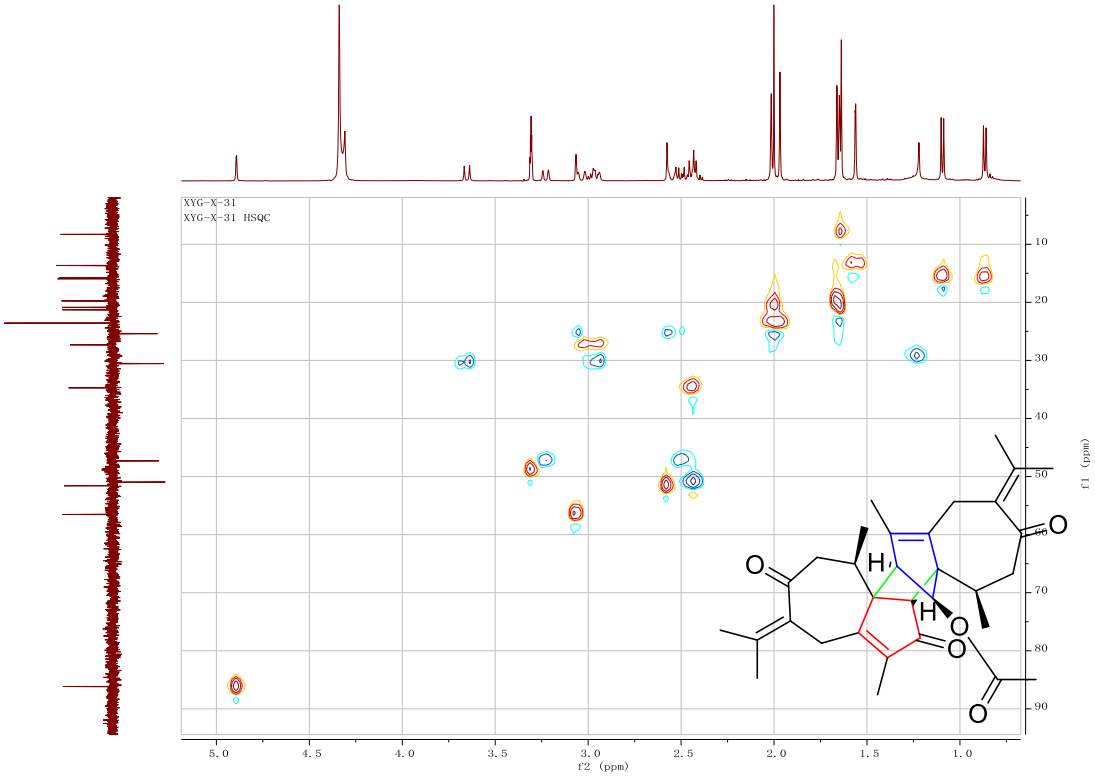

Fig. S37 HSQC spectrum (500 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

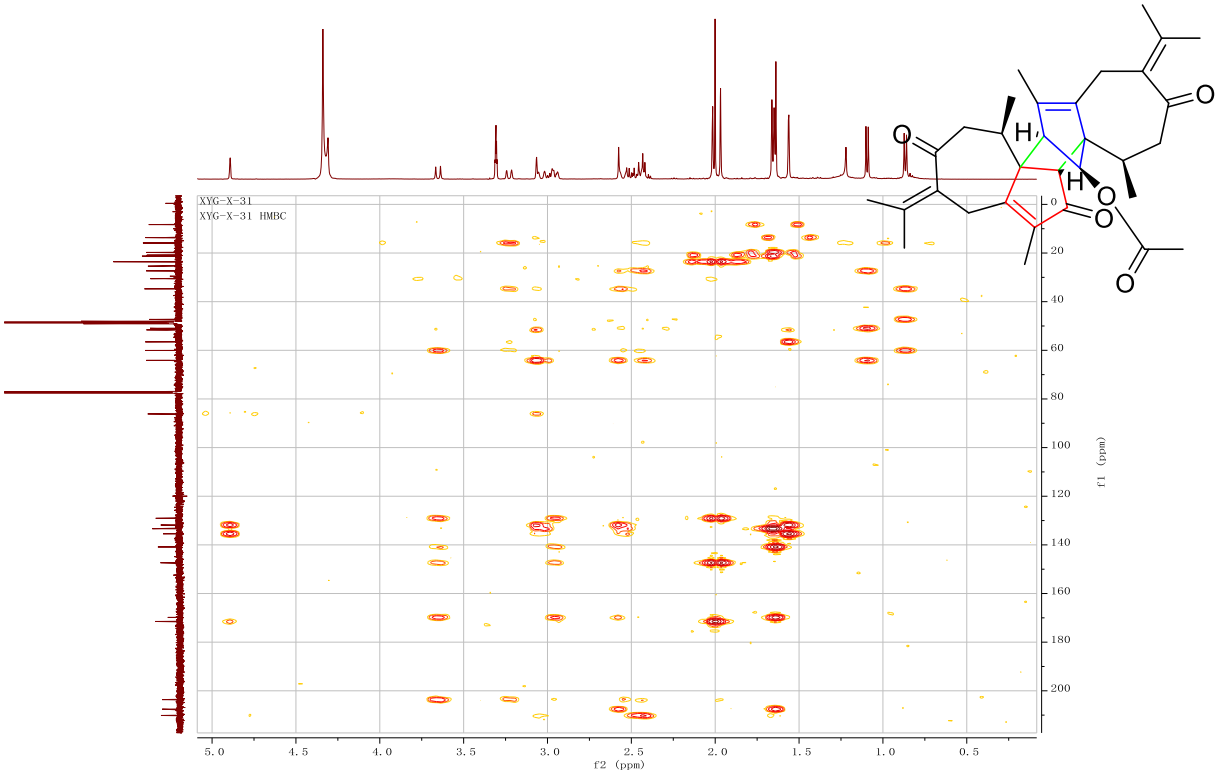

Fig. S38 HMBC spectrum (500 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

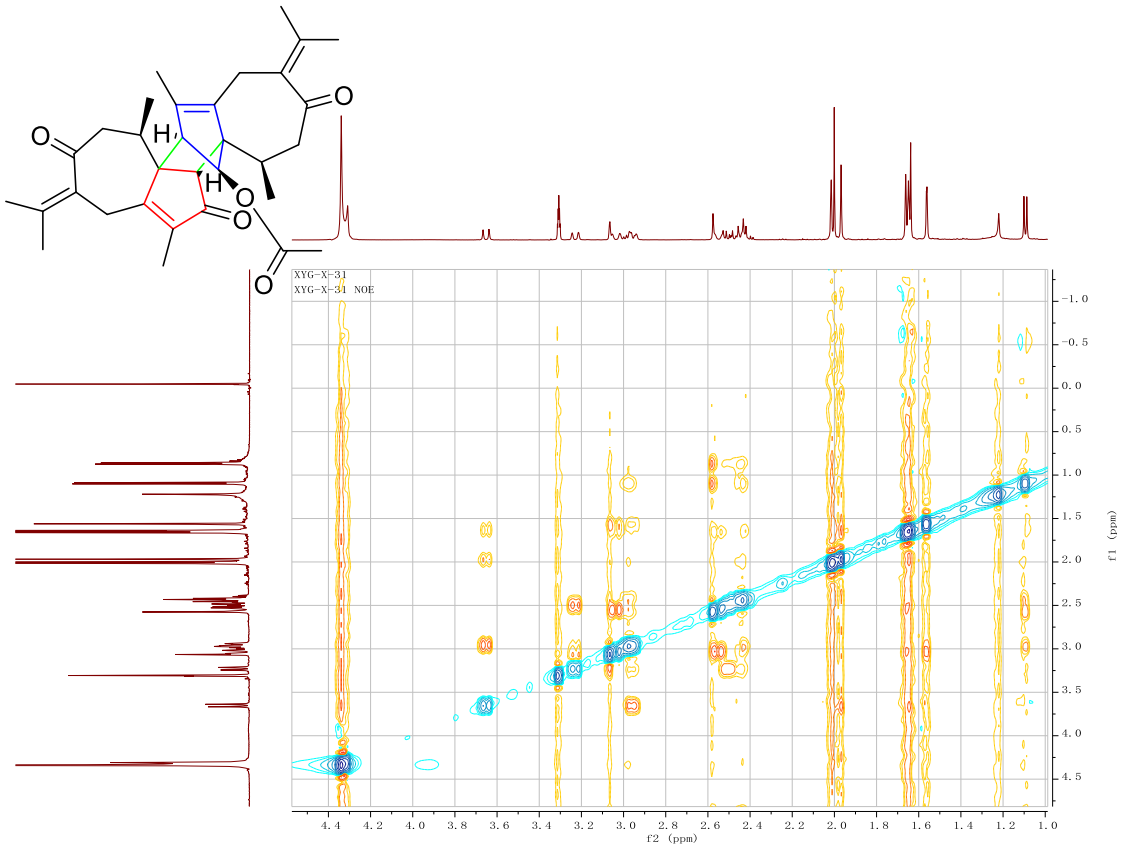

Fig. S39 NOESY spectrum (500 MHz, Chloroform-*d*:CD_3OD 1:2) of compound **5**

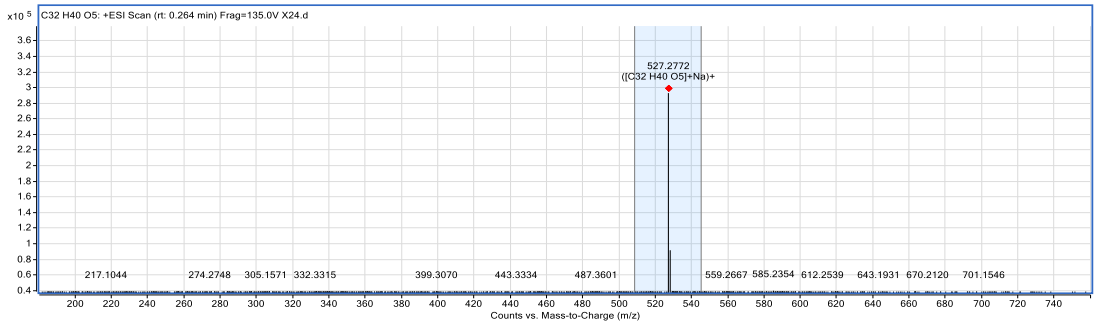

Fig. S40 HR-ESI-MS spectrum of compound **5**

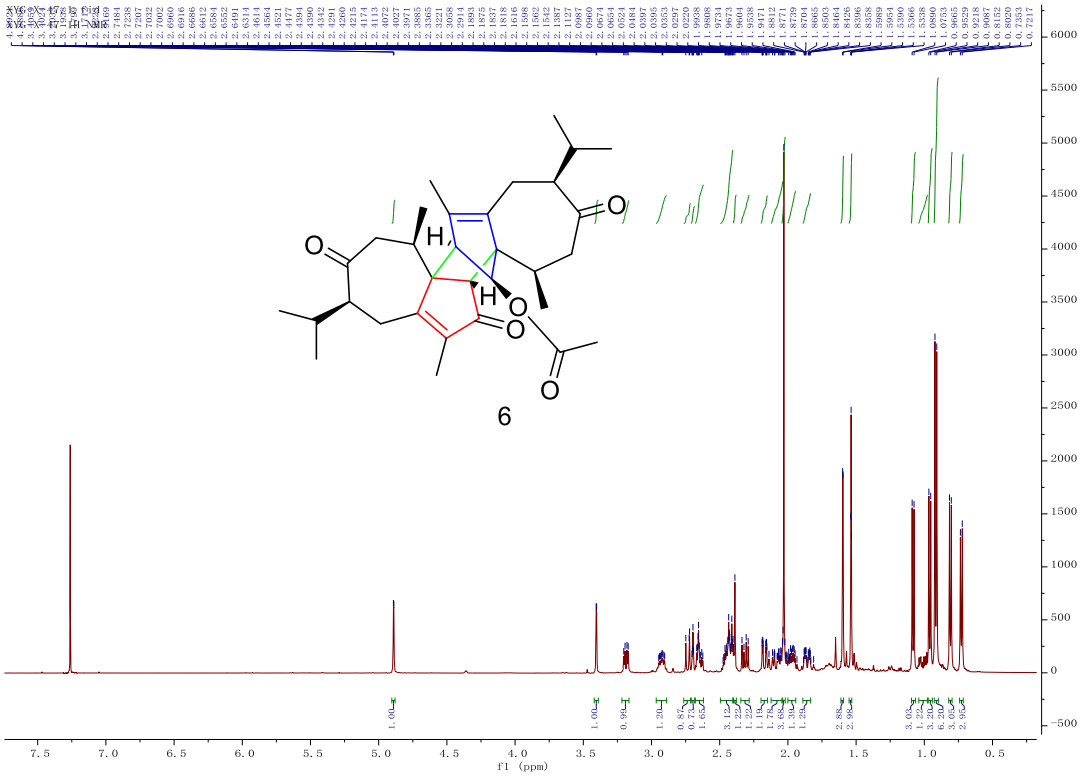

Fig. S41 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **6**

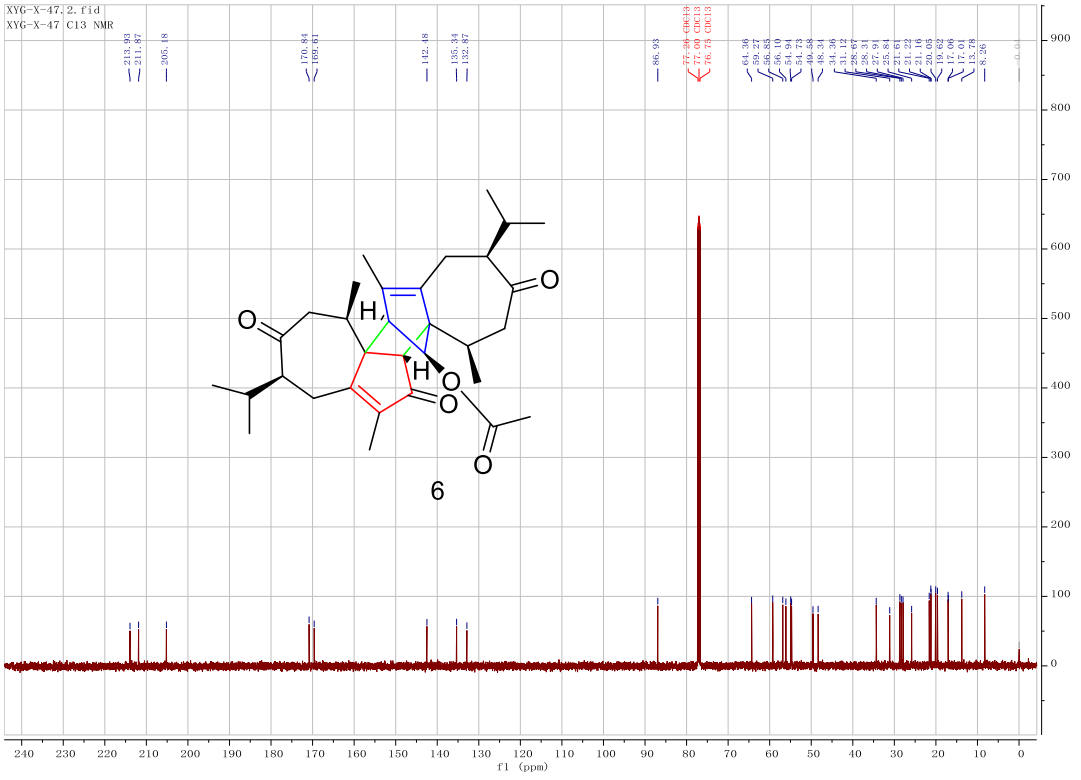

Fig. S42 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **6**

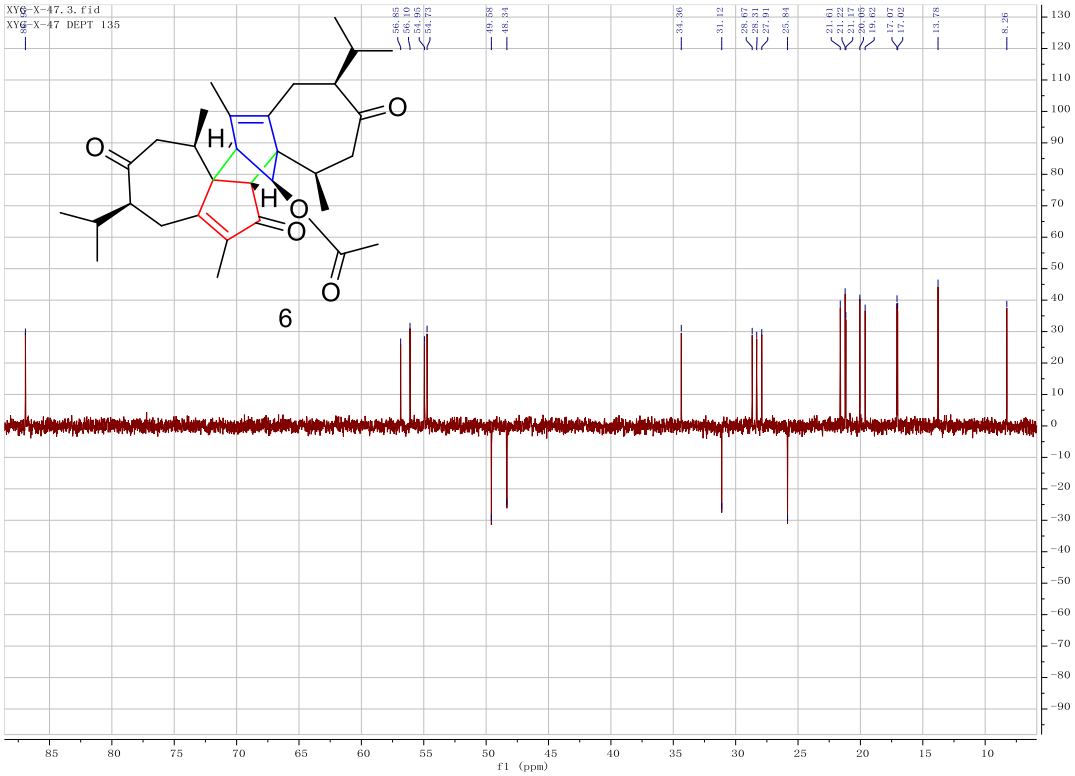

Fig. S43 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **6**

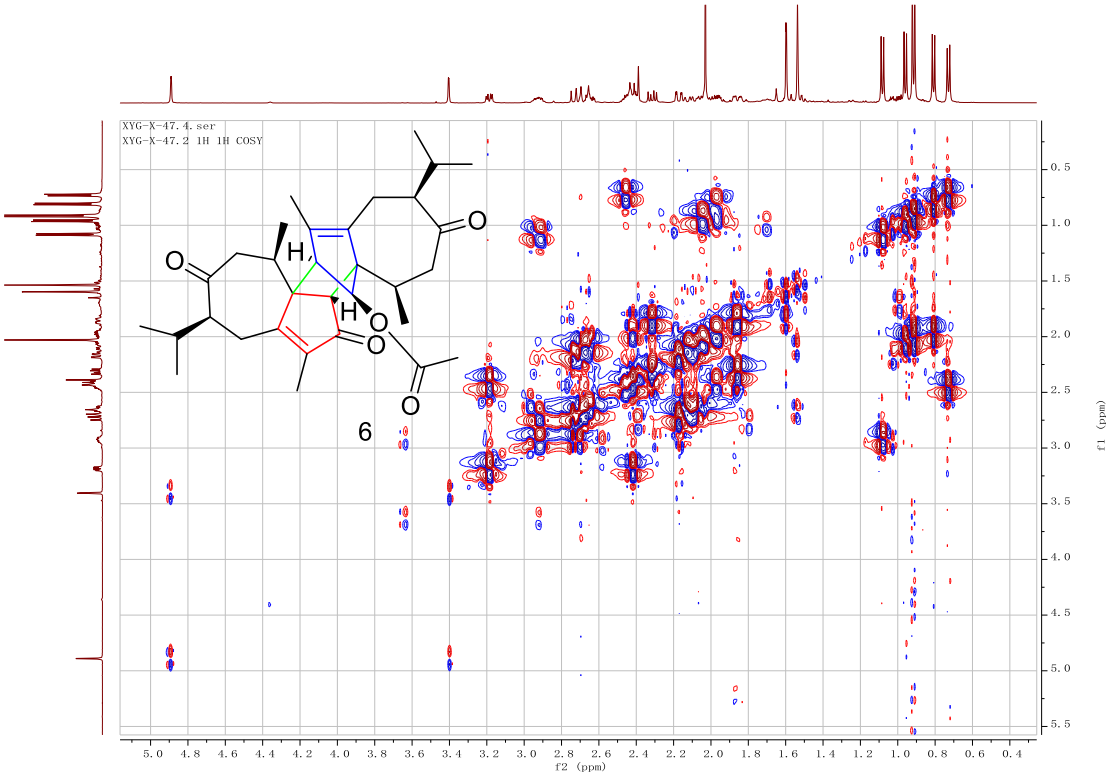

Fig. S44 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **6**

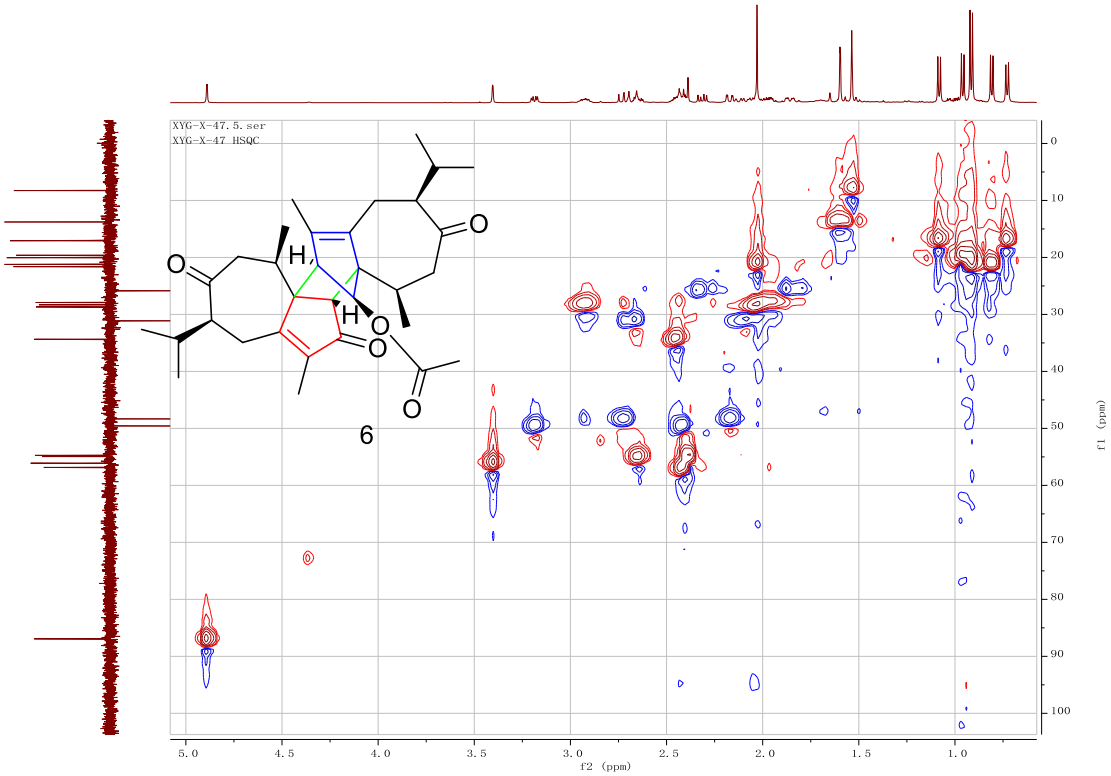

Fig. S45 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **6**

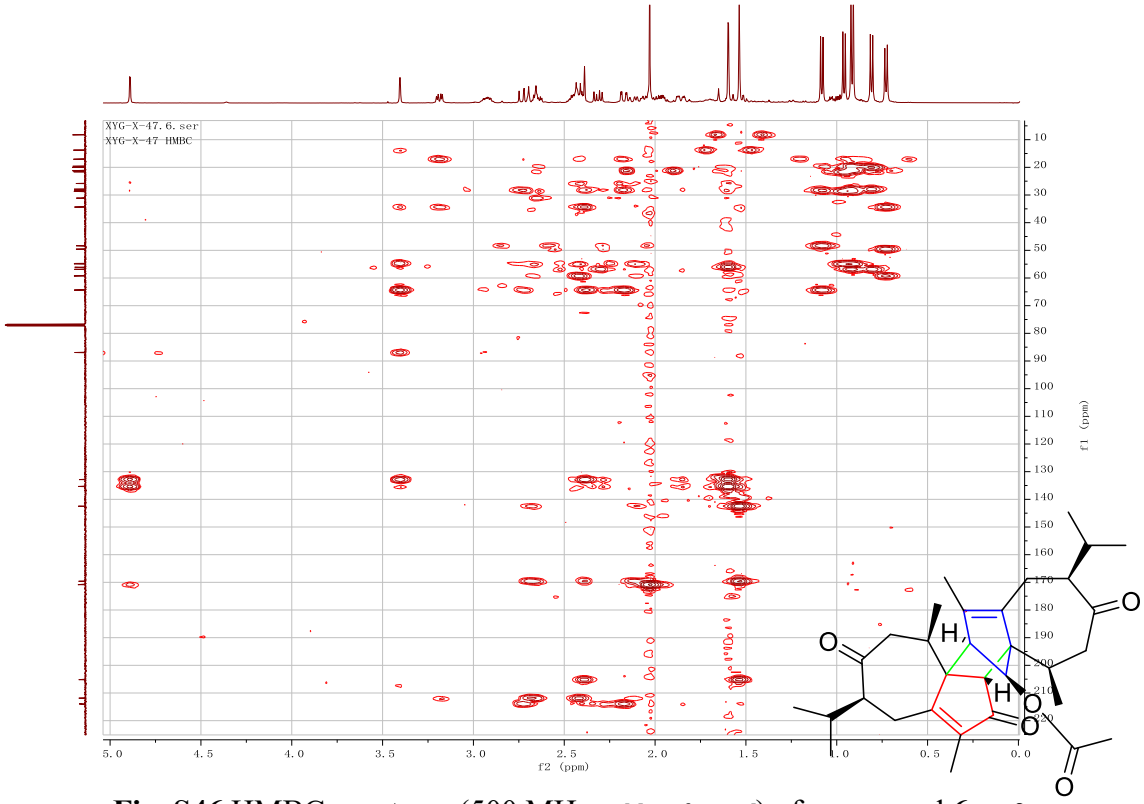

Fig. S46 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **6**

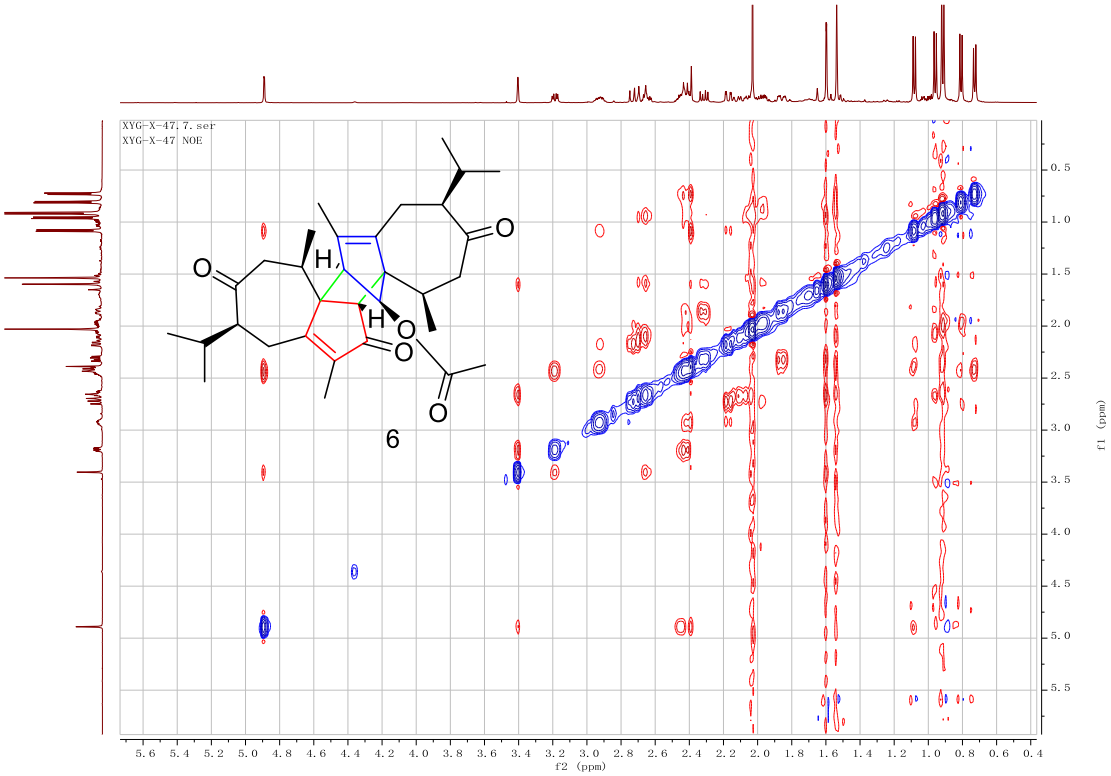

Fig. S47 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **6**

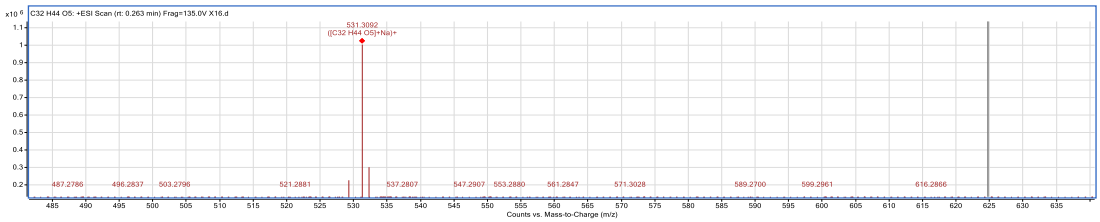

Fig. S48 HR-ESI-MS spectrum of compound **6**

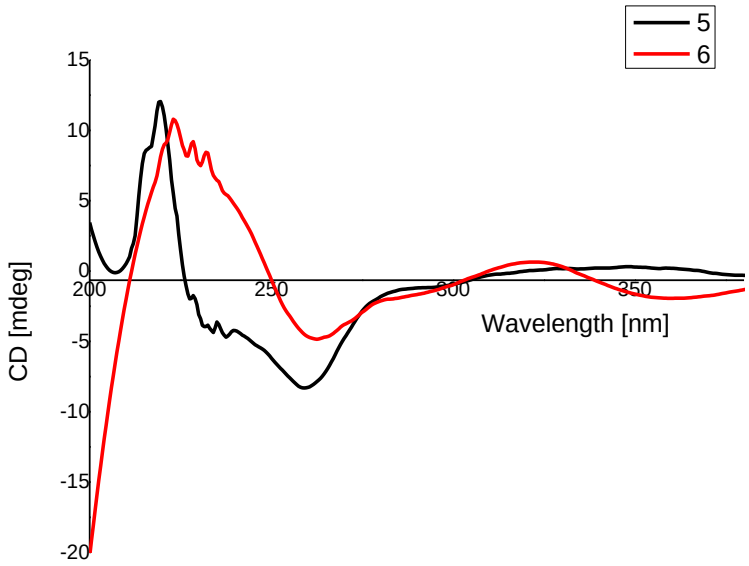

Fig. S49 The CD spectrum of compounds **5** and **6**

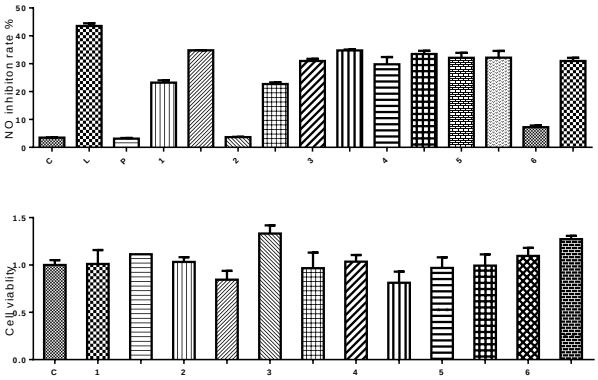

Fig. S50 Inhibitory effect of compounds **1**–**6** (50 μM 10 μM) against NO production in LPS-stimulated RAW264.7macrophages and cytotoxic effects of compounds **1**–**6** in the MTT assay (Raw 264.7 cells). [C: control; L: LPS group; P: positive group] Parthenolide (10 μM) was used as a positive control.