Supporting Information:

Harnessing Hydrophobic Tag Technology to Combat Drug-Resistant Influenza: Design, Synthesis, and Potency of Oseltamivir-Derived HyTTDs

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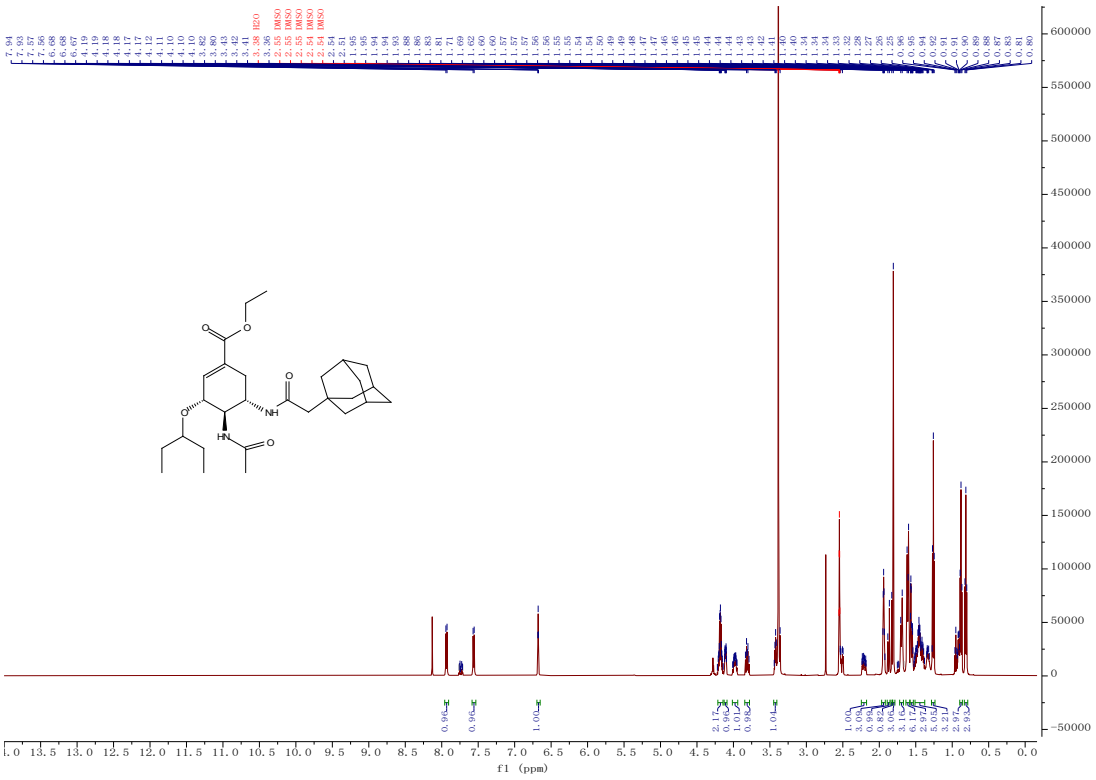
[†] These authors contributed equally to this work.

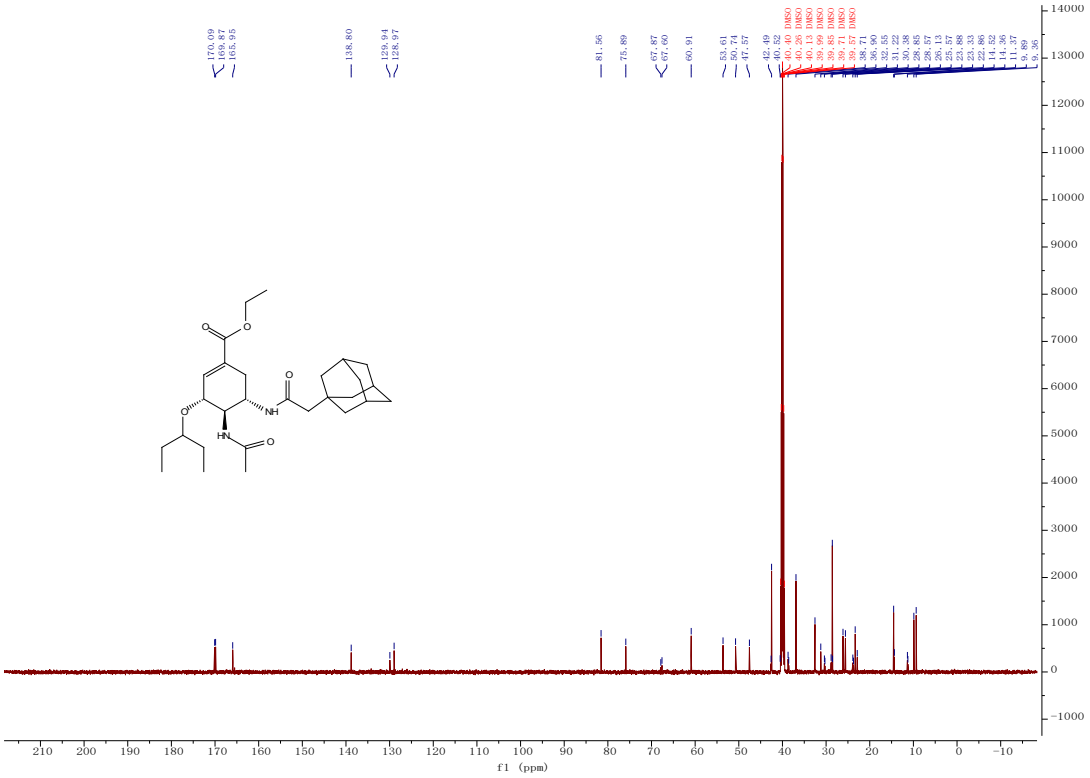
Spectrums of chemically synthesized compounds

Spectrums of L1

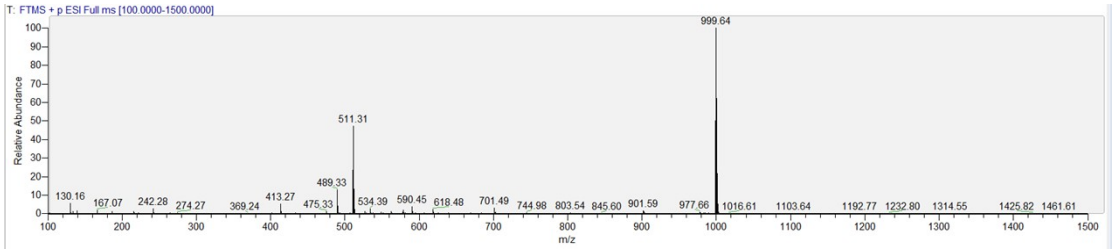
^{1}H NMR of L1



^{13}C NMR of L1

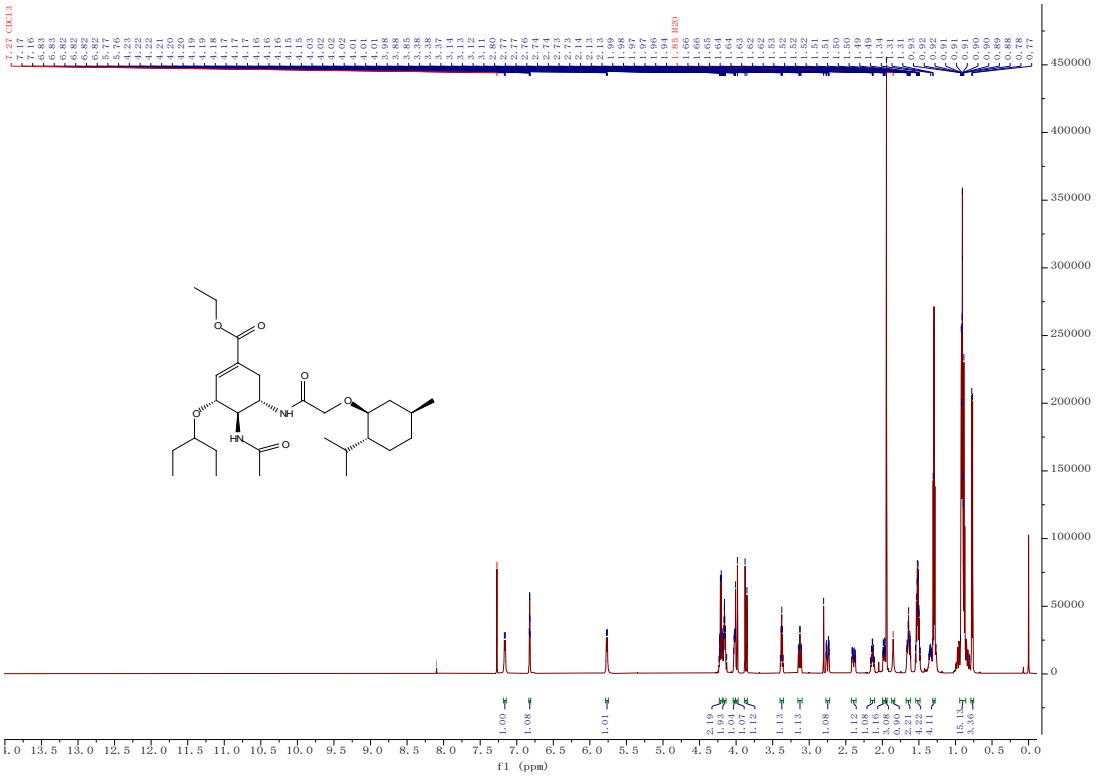


ESI-HRMS spectrum of L1

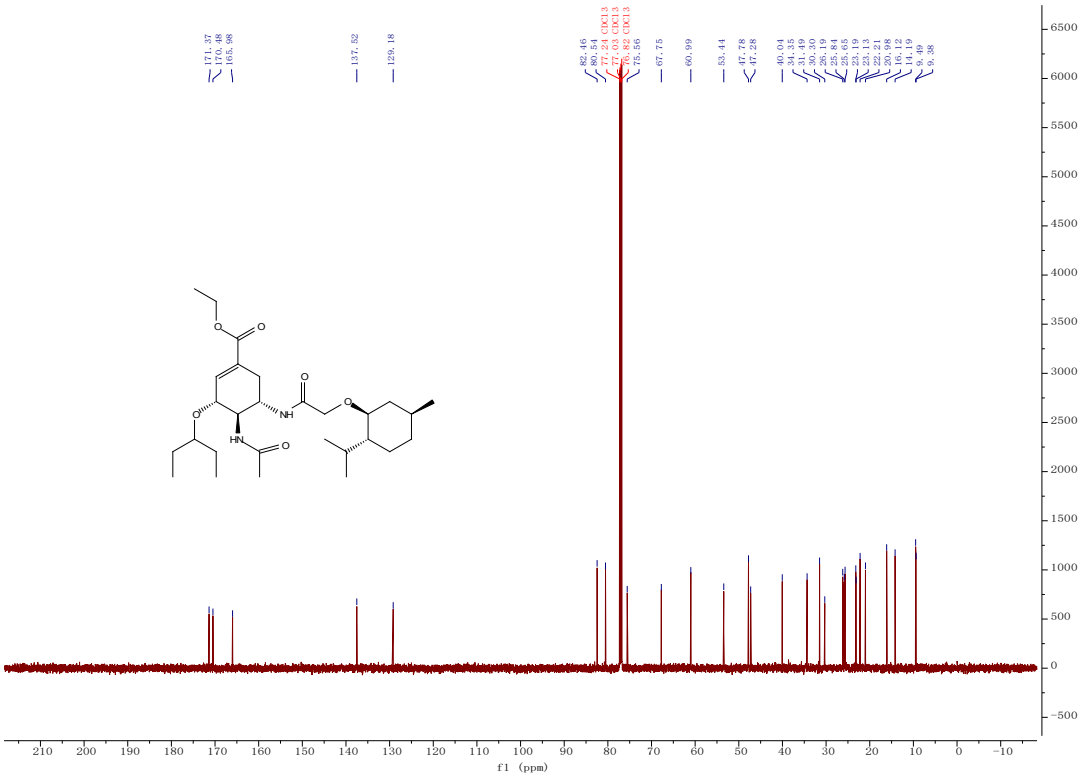


Spectrums of L2

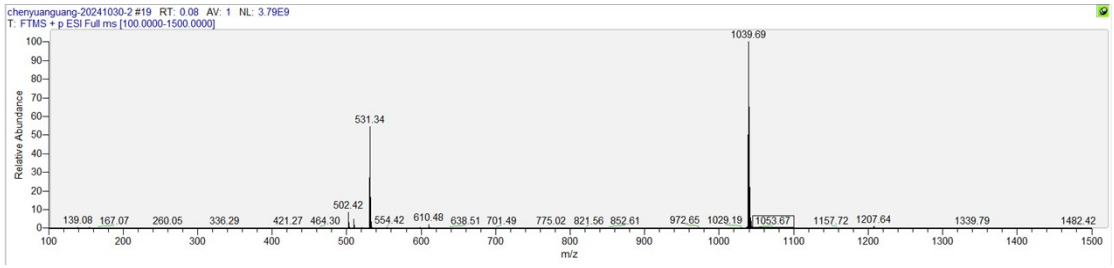
^{1}H NMR of L2



^{13}C NMR of L2

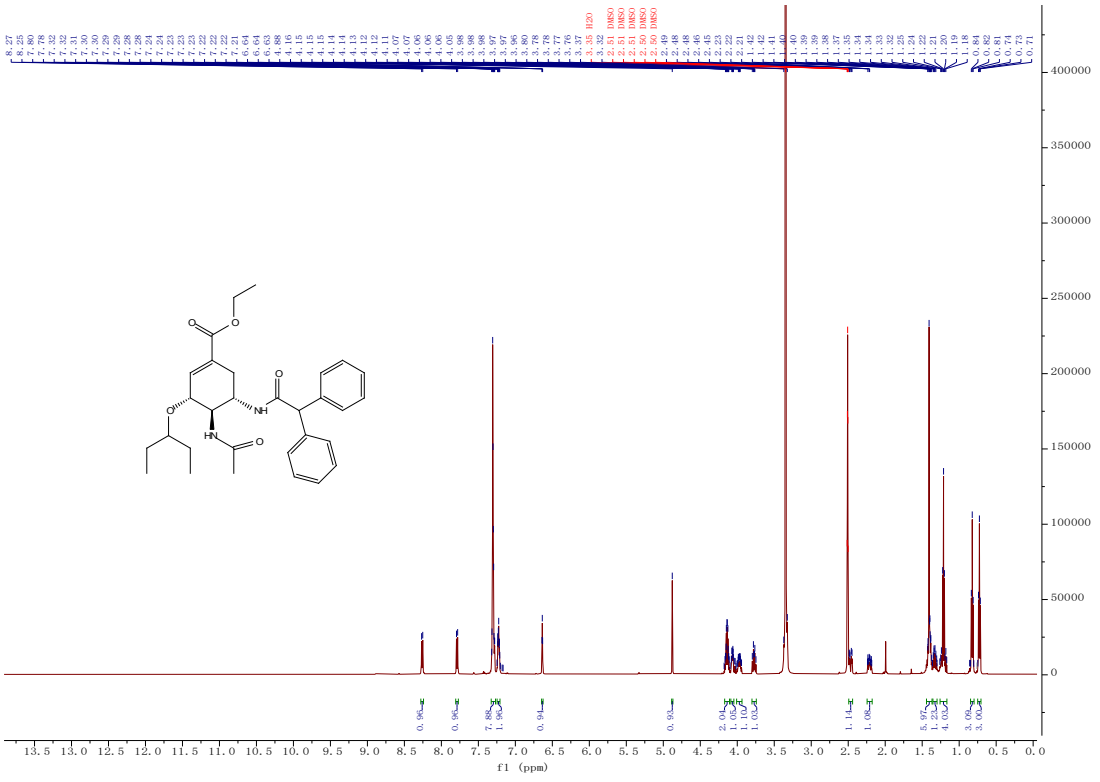


ESI-HRMS spectrum of L2

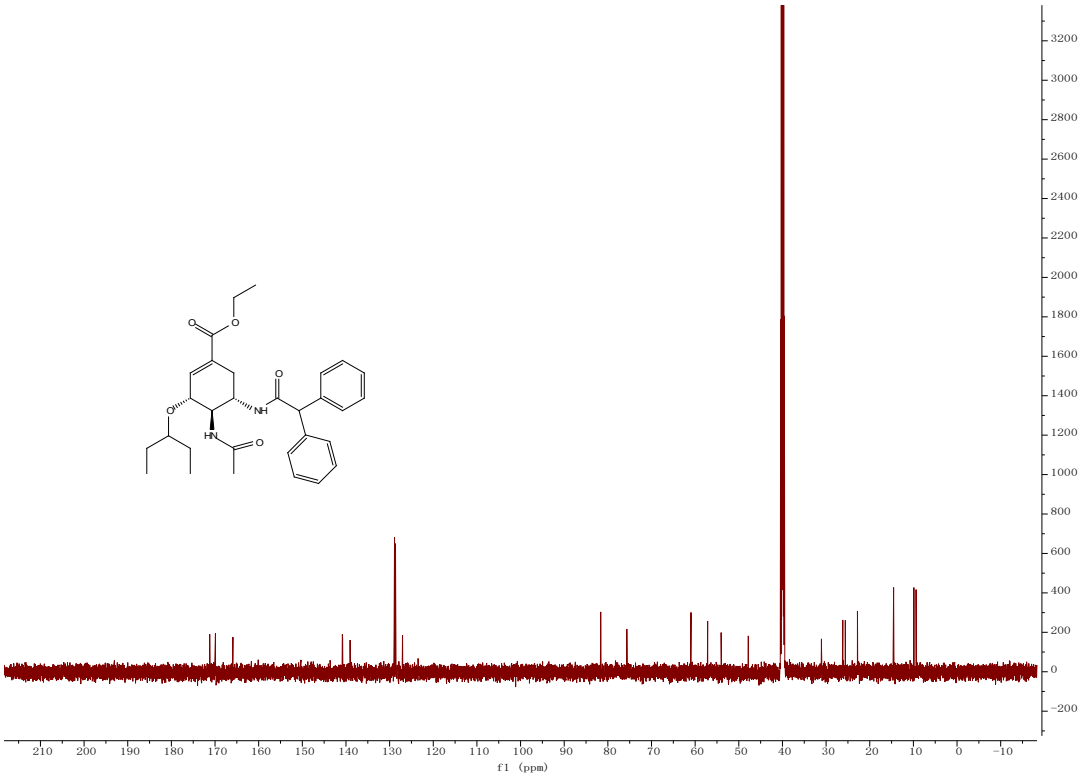


Spectrums of L3

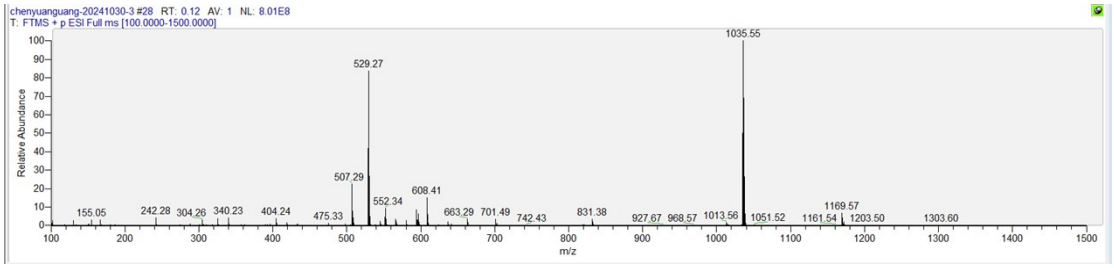
^{1}H NMR of L3



^{13}C NMR of L3

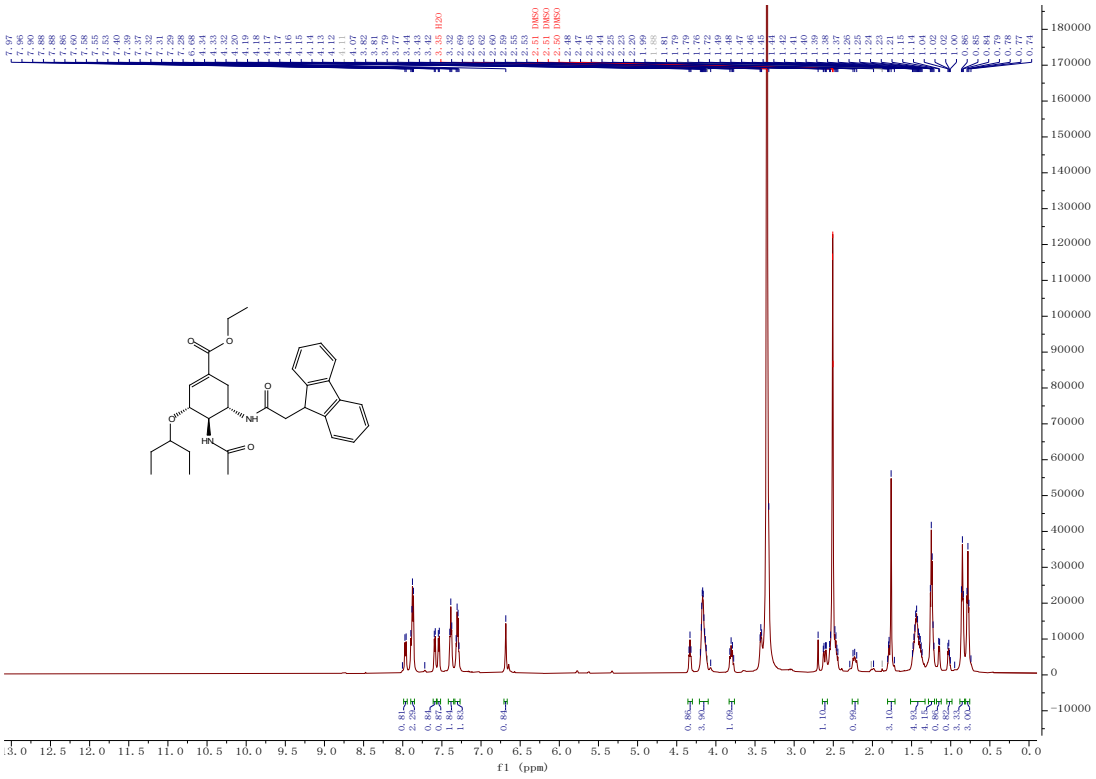


ESI-HRMS spectrum of L3

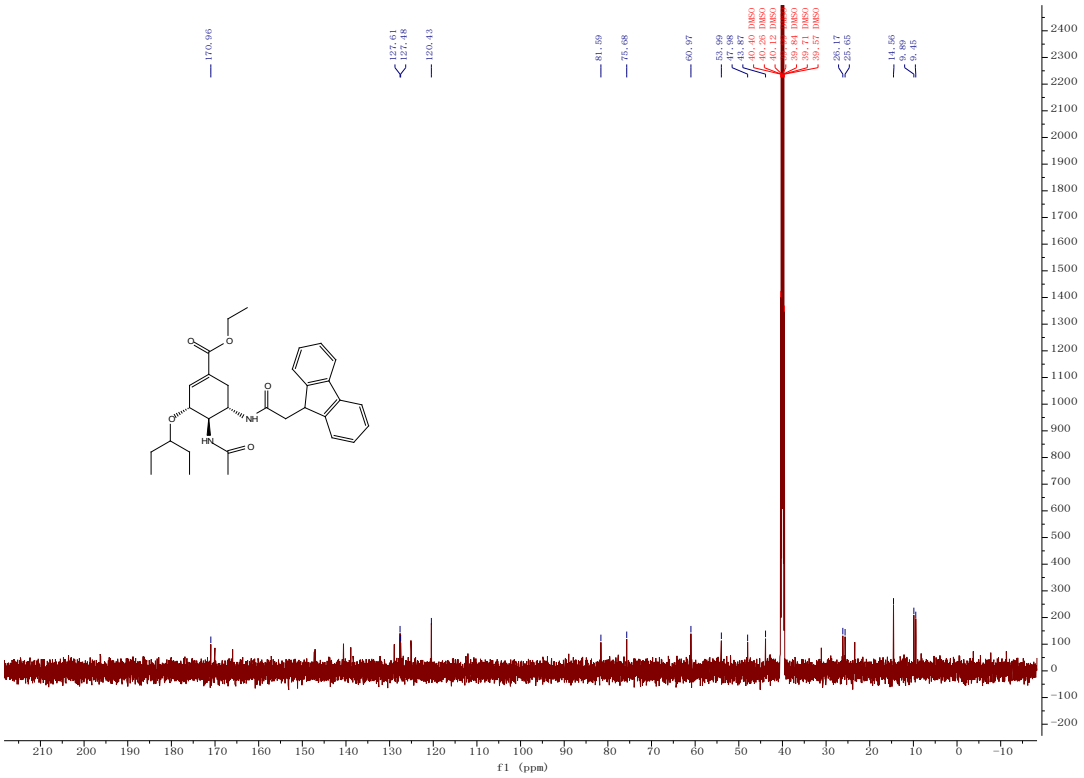


Spectrums of L4

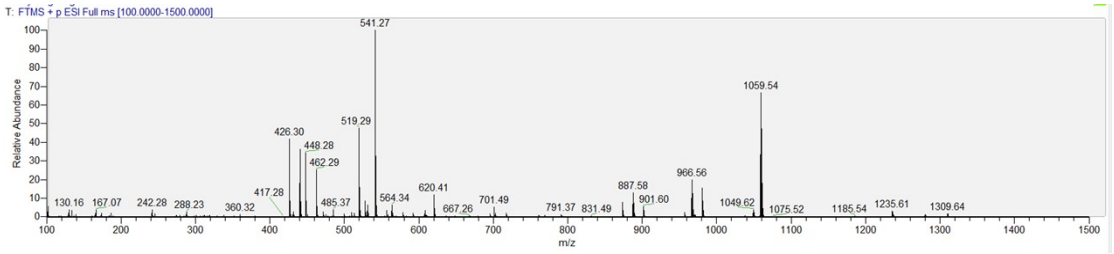
^{1}H NMR of L4



^{13}C NMR of L4

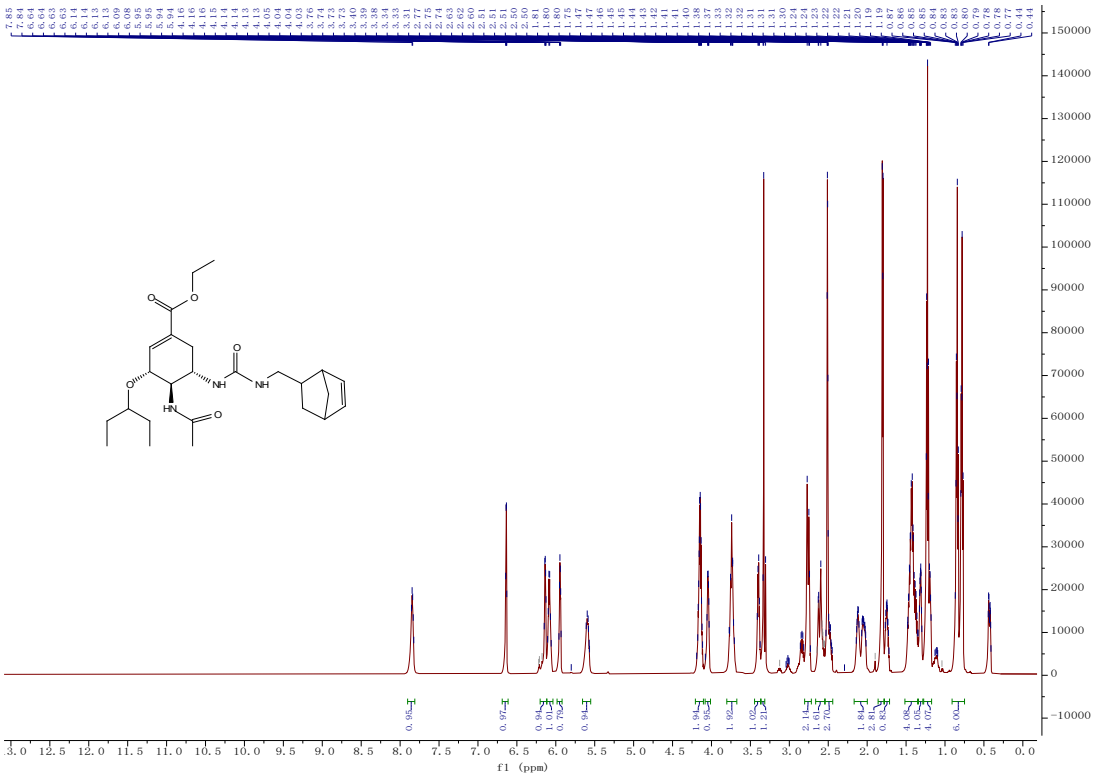


ESI-HRMS spectrum of L4

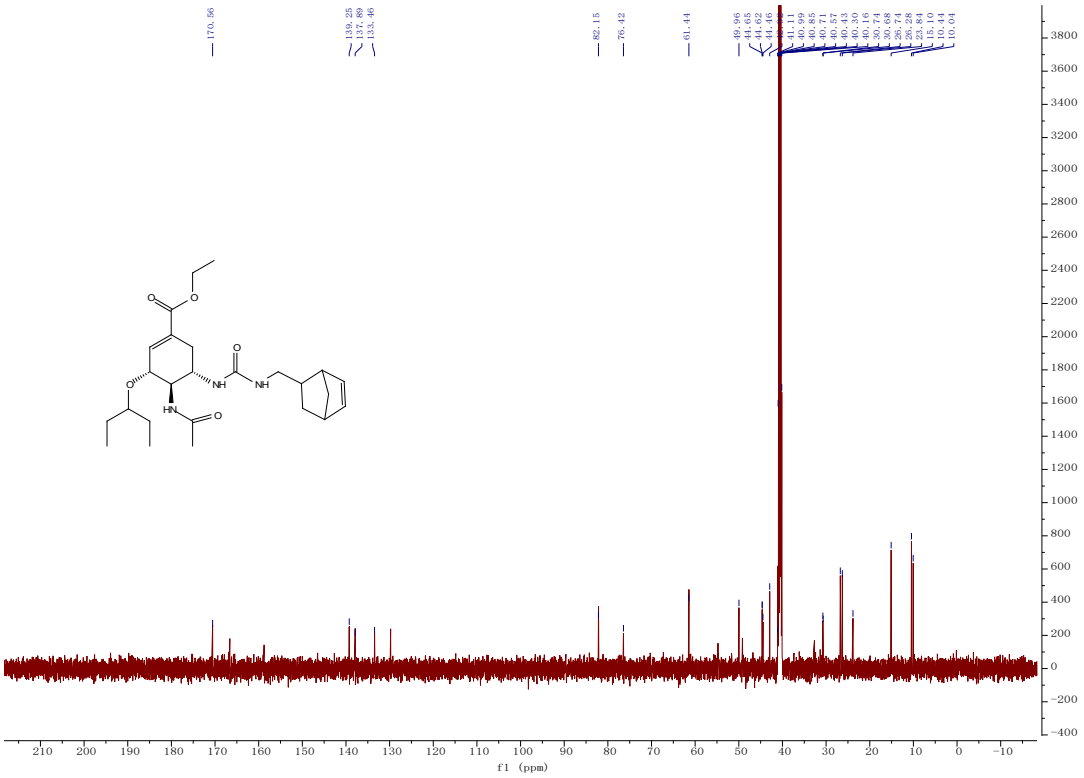


Spectrums of L5

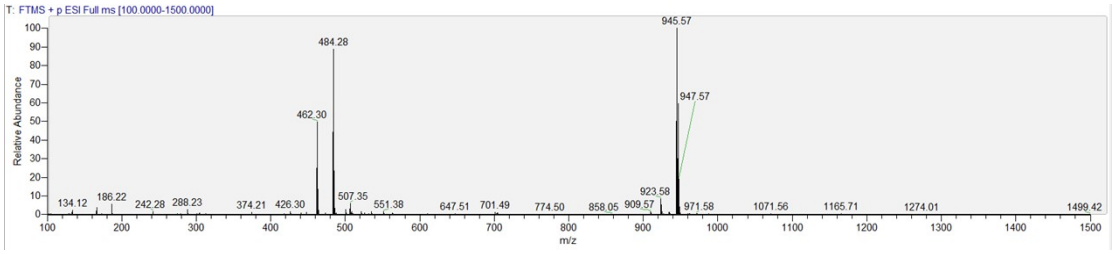
^{1}H NMR of L5



^{13}C NMR of L5

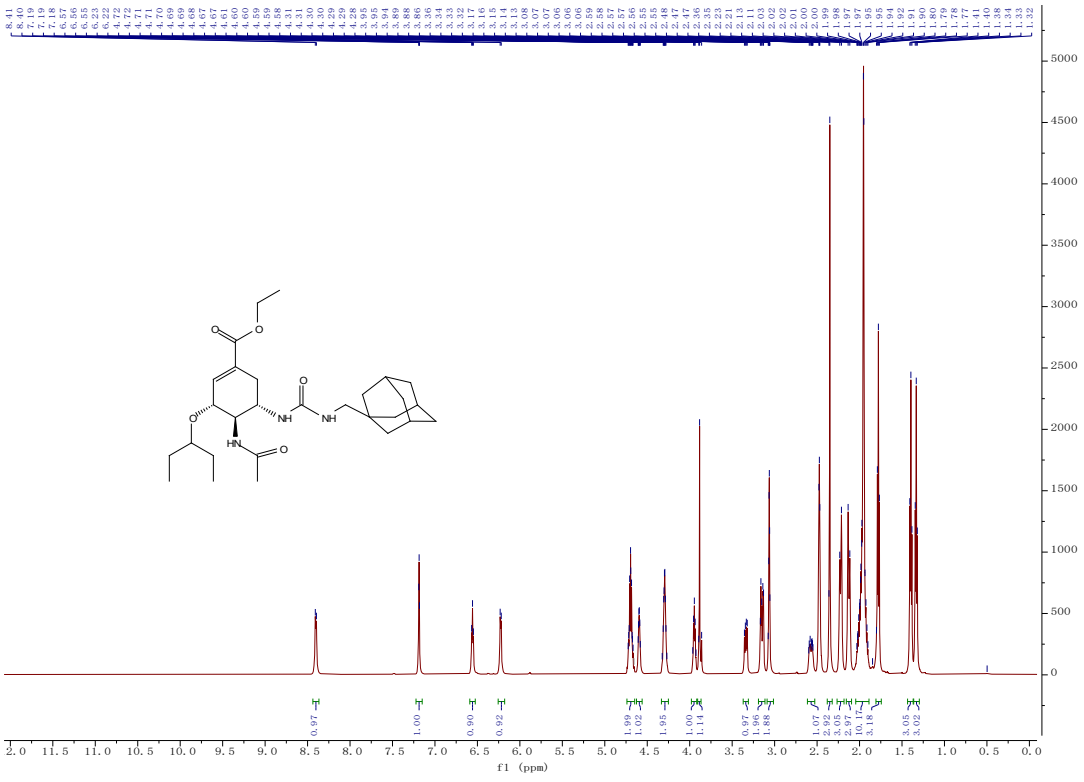


ESI-HRMS spectrum of L5

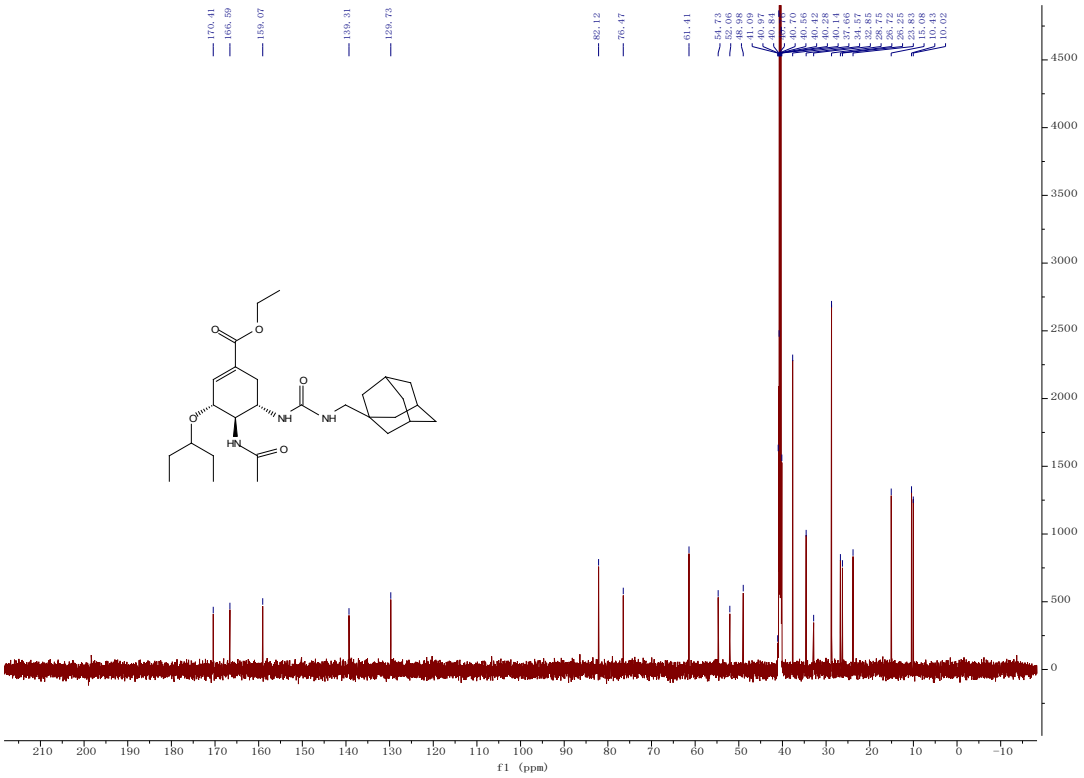


Spectrums of L6

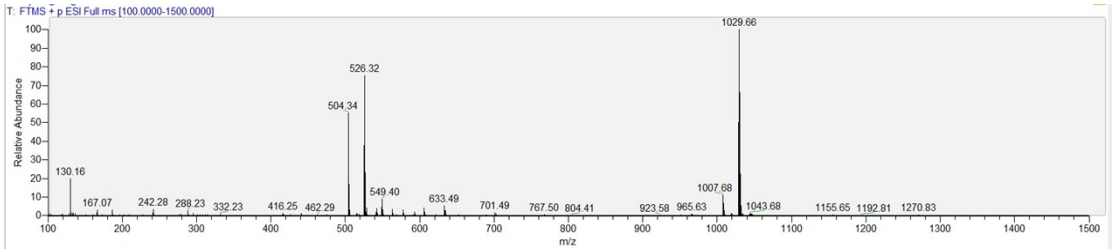
^{1}H NMR of L6



^{13}C NMR of L6

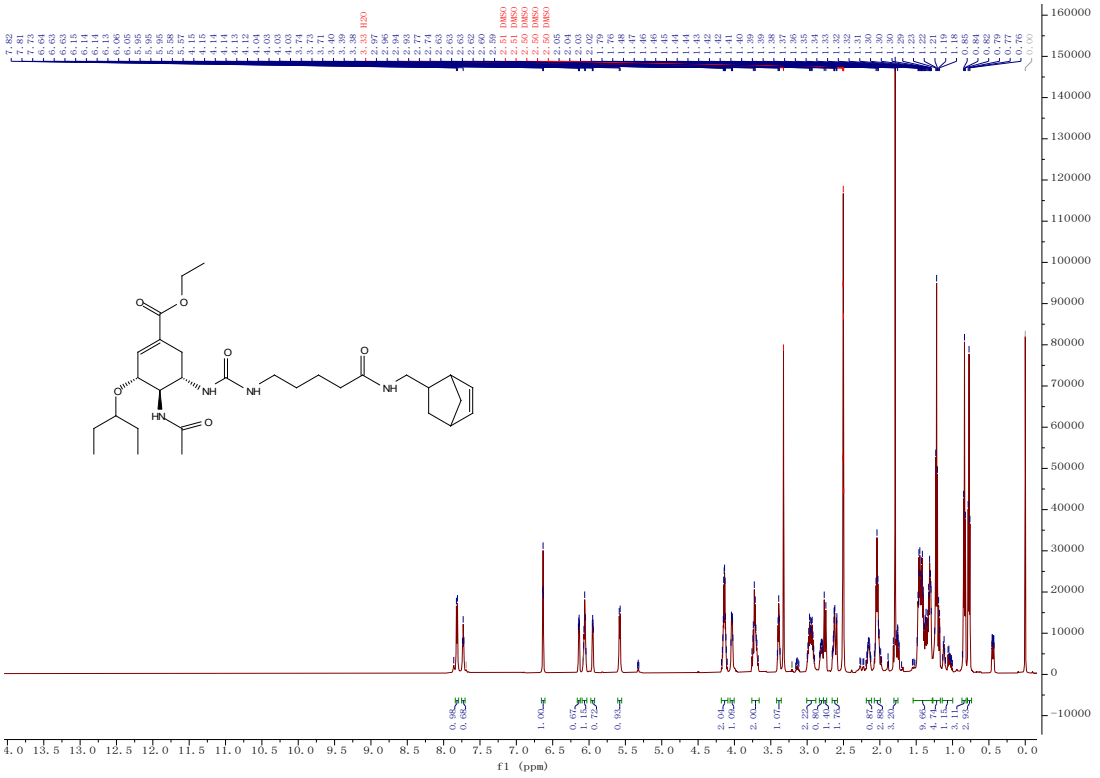


ESI-HRMS spectrum of L6

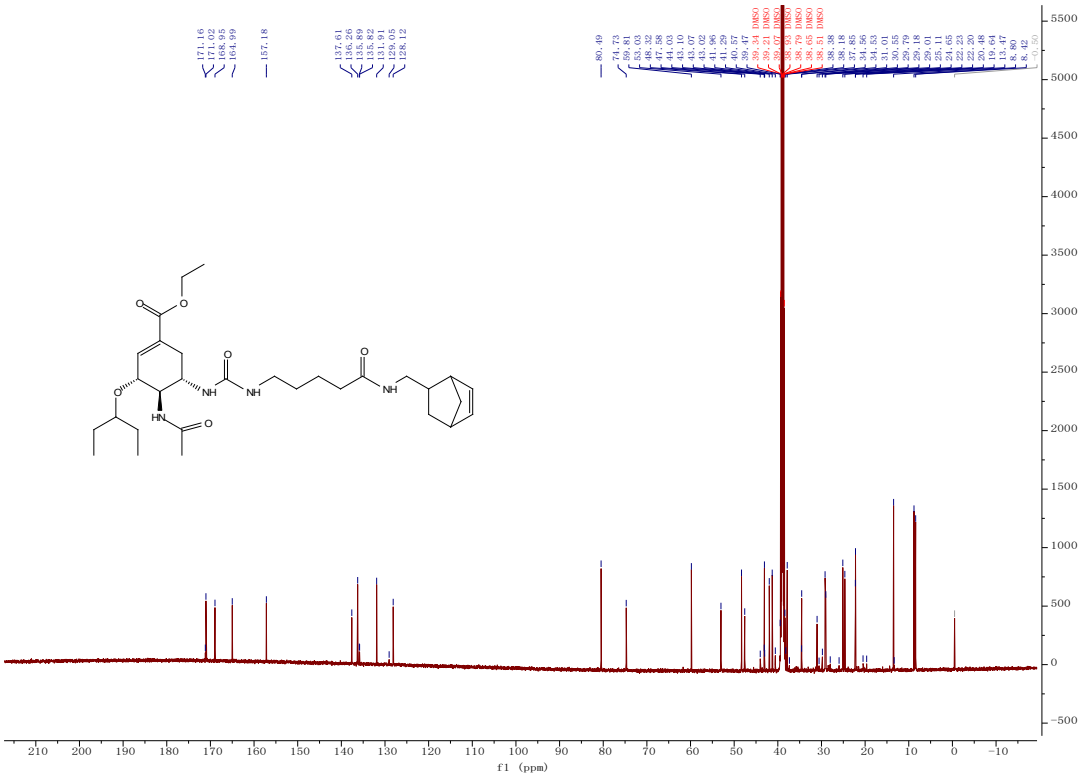


Spectrums of L7

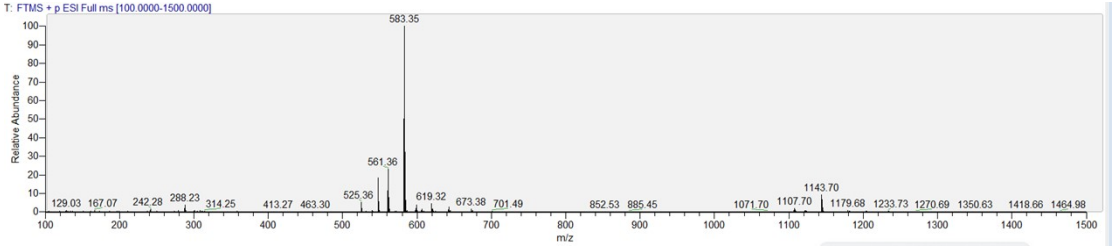
^{1}H NMR of L7



^{13}C NMR of L7

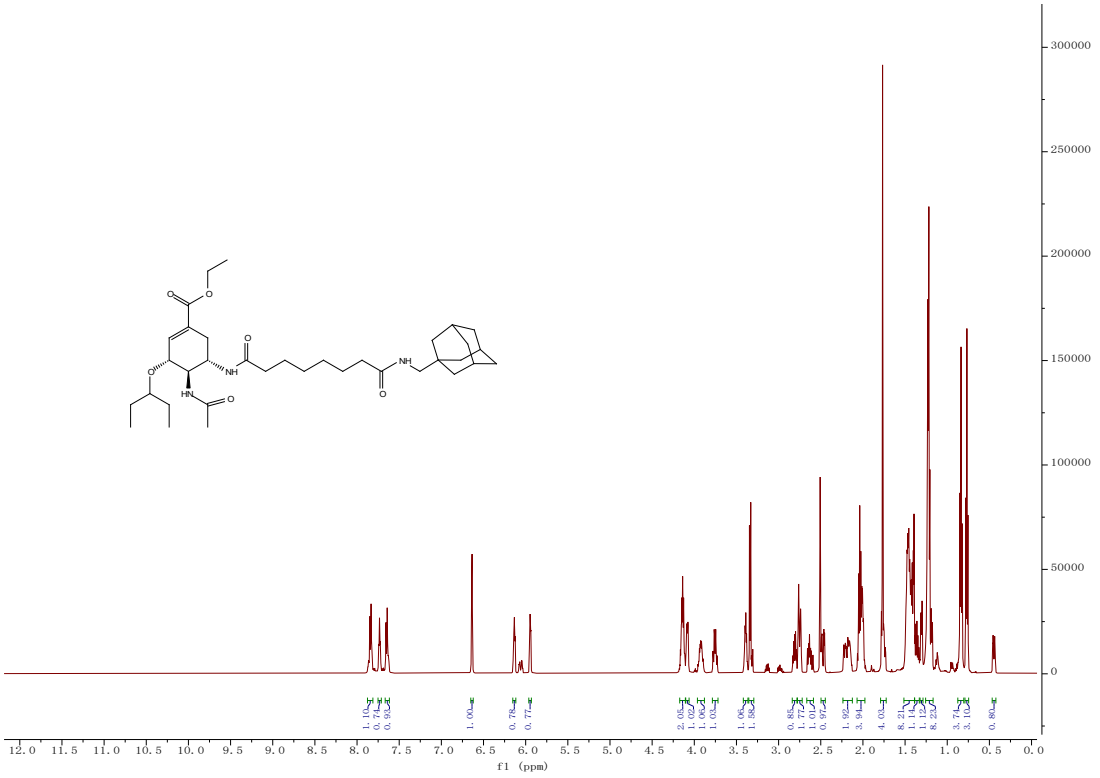


ESI-HRMS spectrum of L7

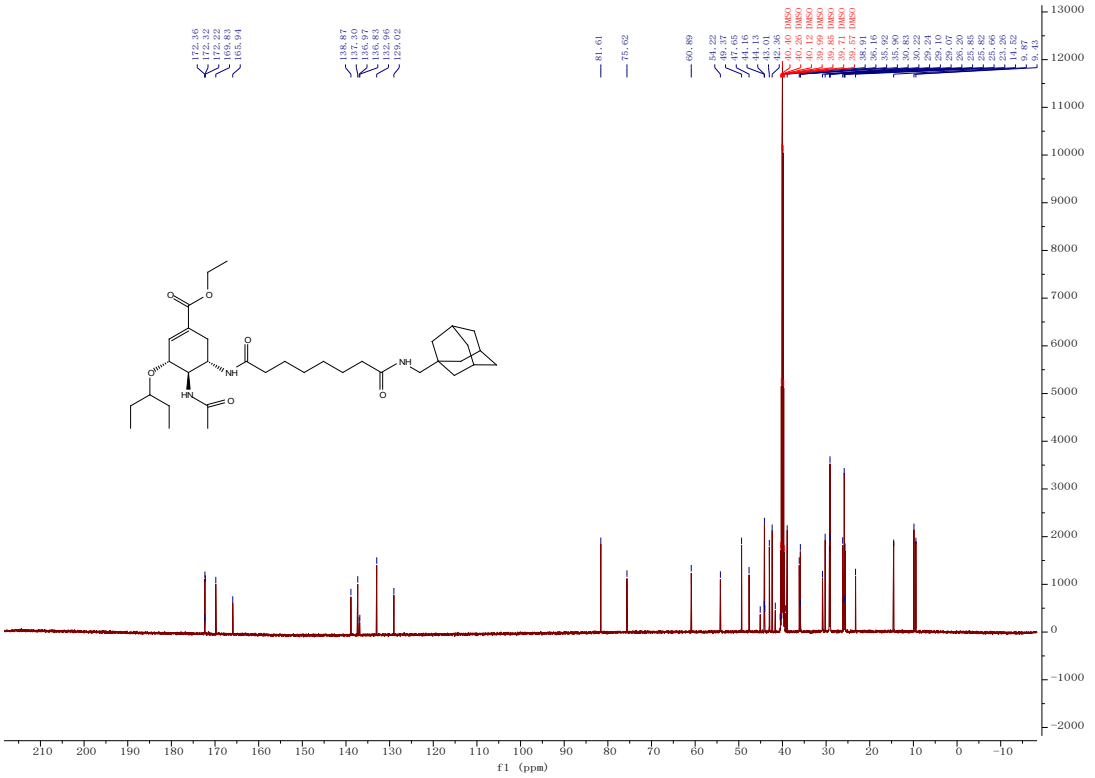


Spectrums of L8

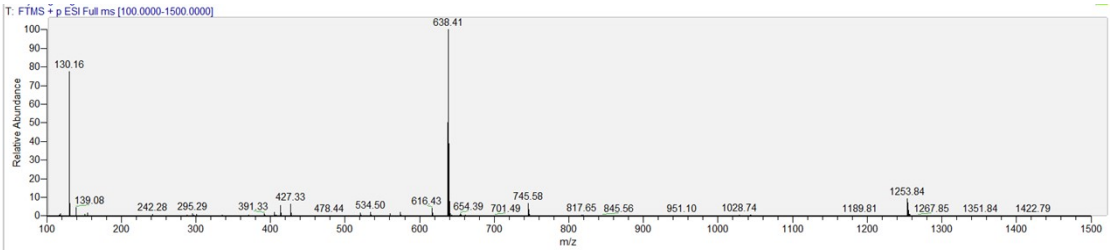
^{1}H NMR of L8



^{13}C NMR of L8

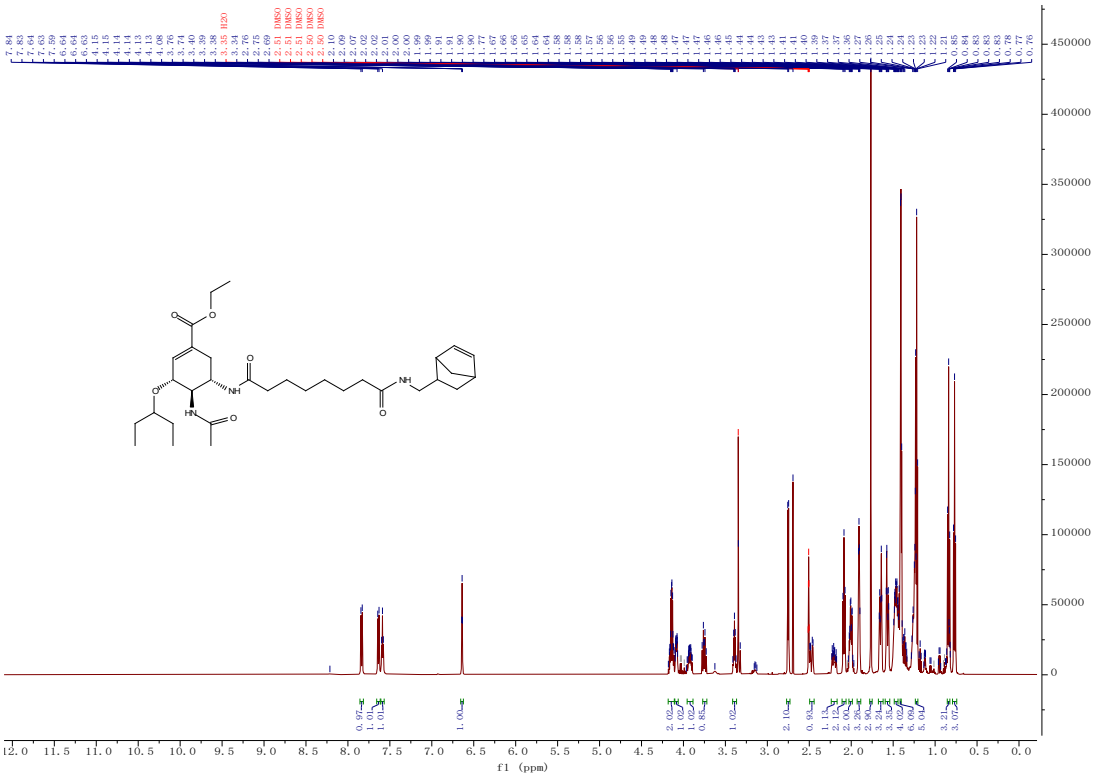


ESI-HRMS spectrum of L8

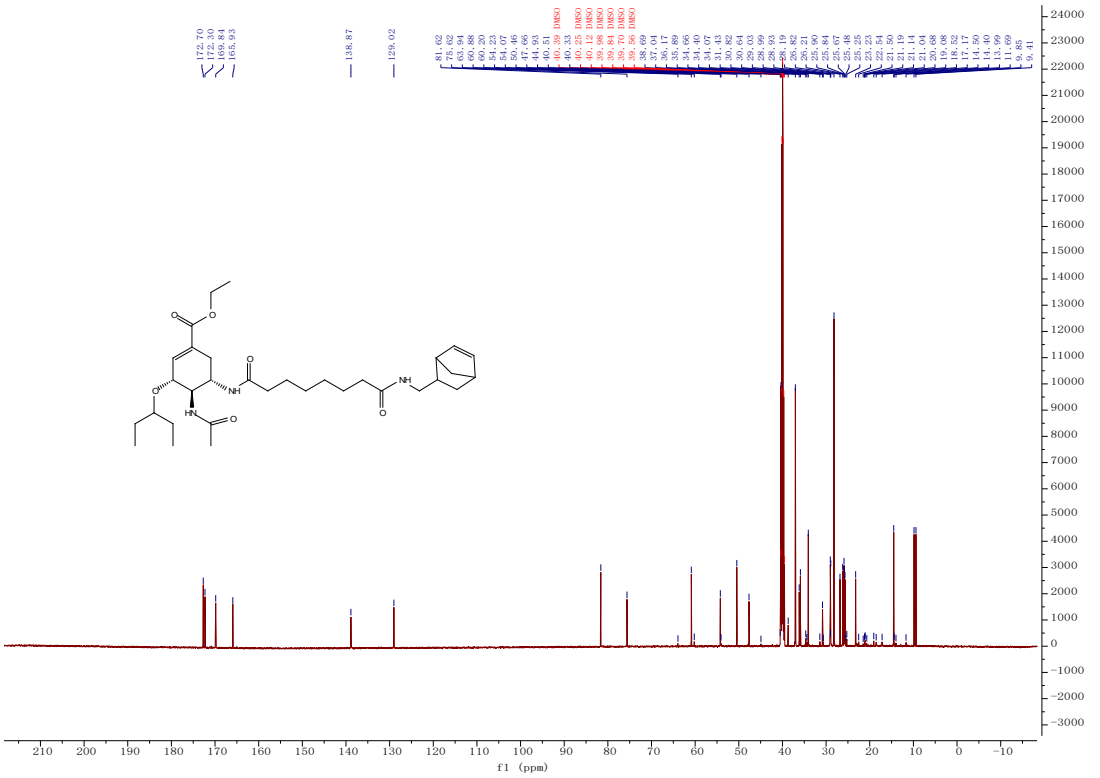


Spectrums of L9

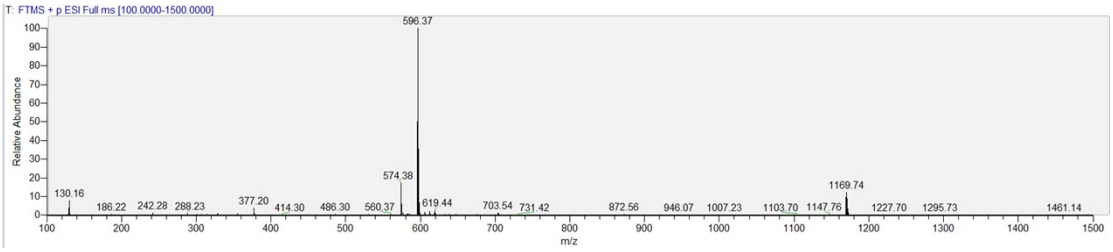
^{1}H NMR of L9



^{13}C NMR of L9

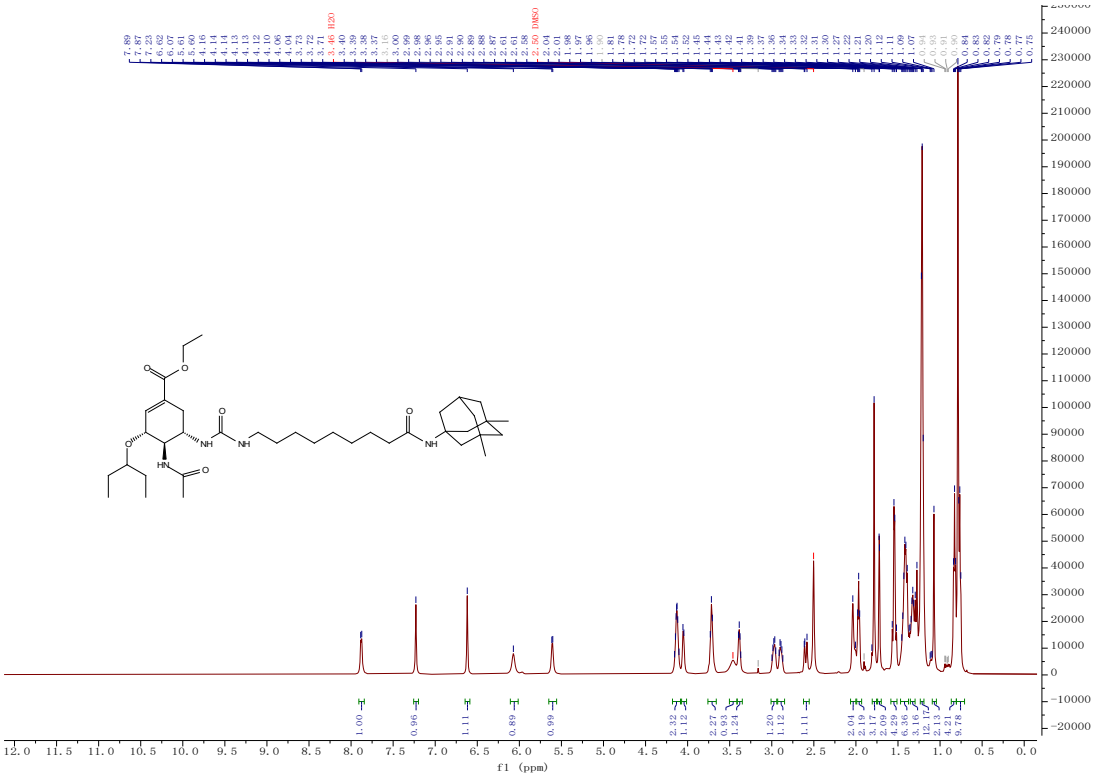


ESI-HRMS spectrum of L9

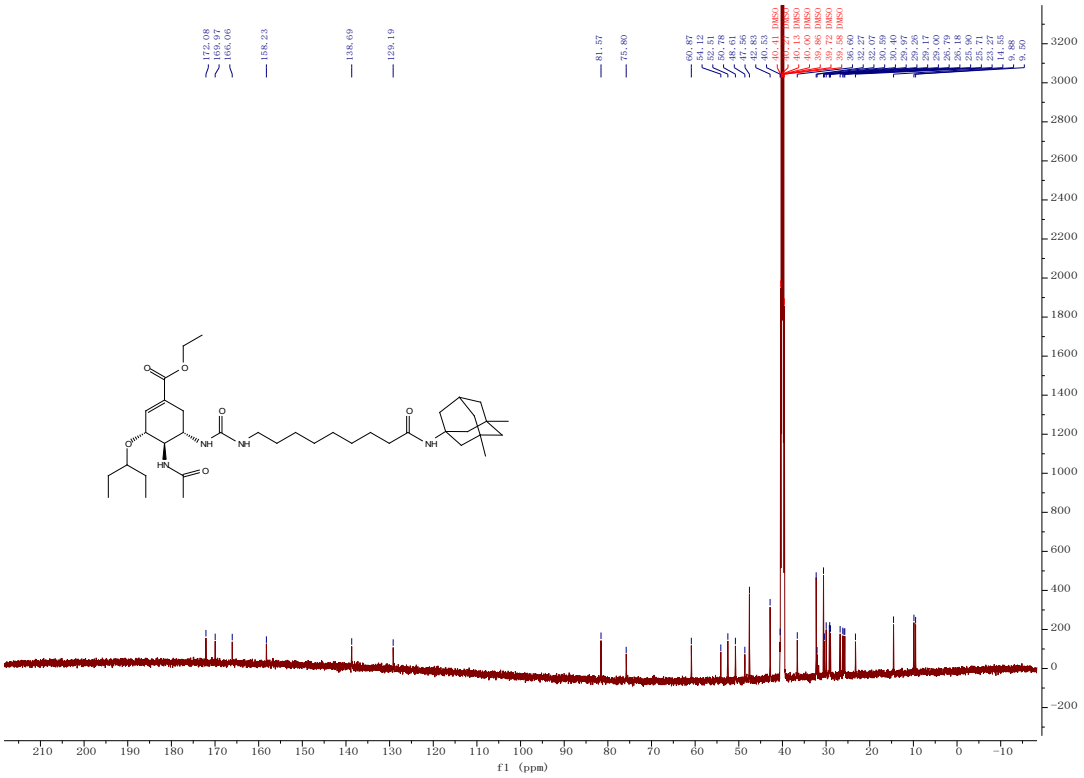


Spectrums of L10

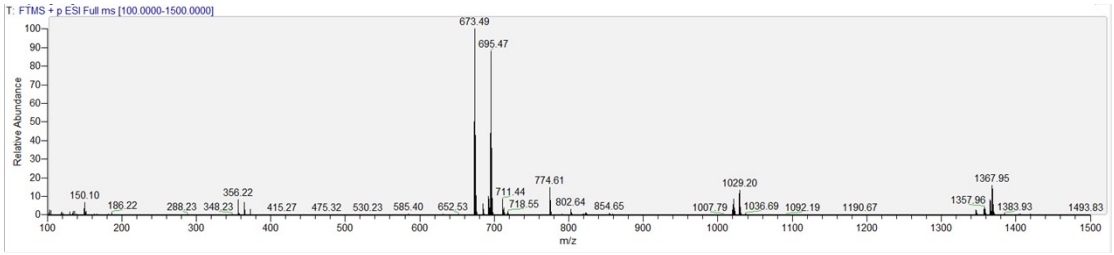
^{1}H NMR of L10



^{13}C NMR of L10

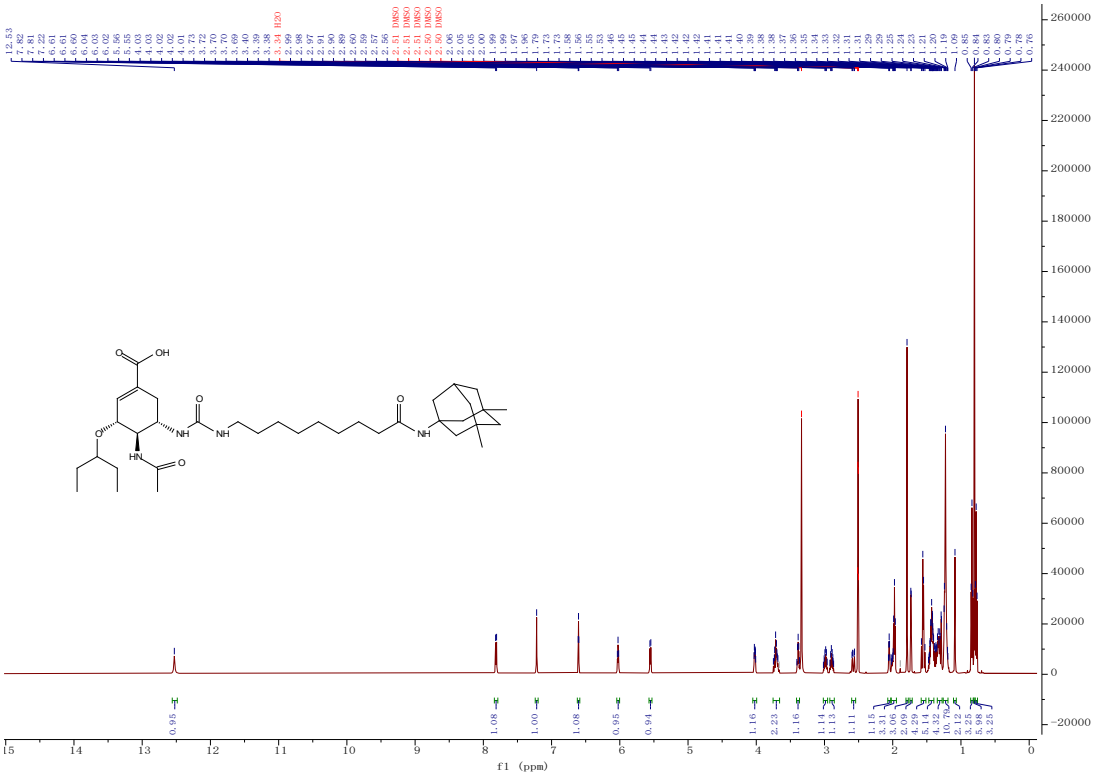


ESI-HRMS spectrum of L10

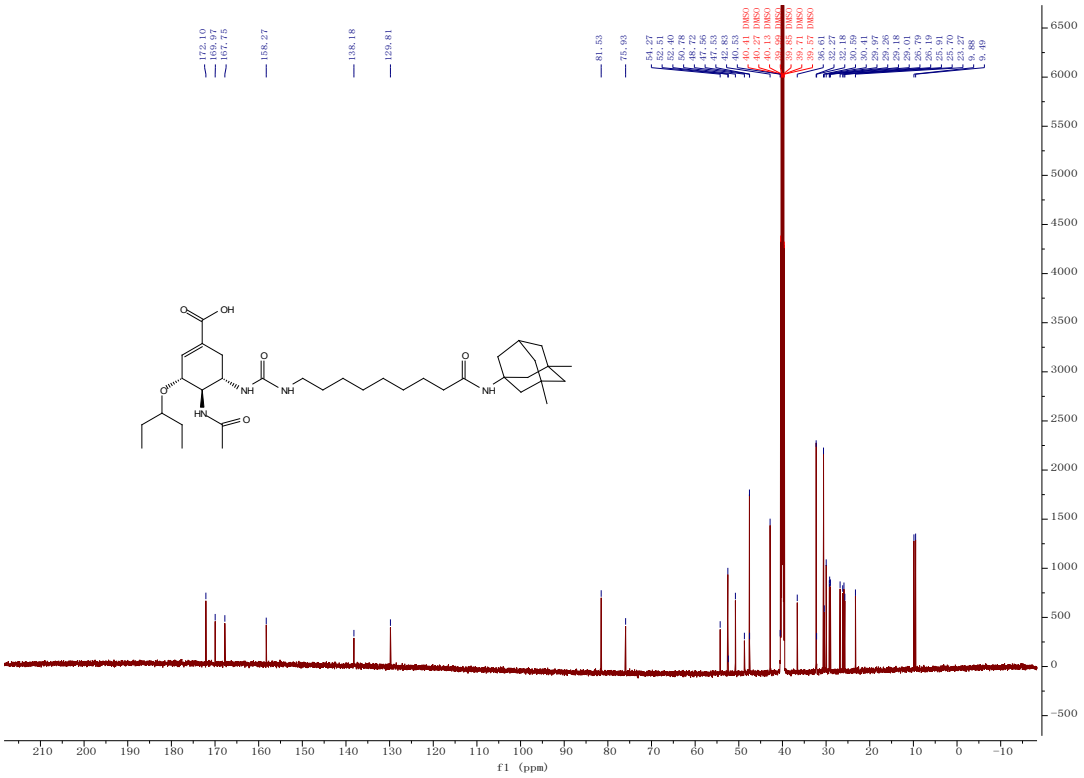


Spectrums of L11

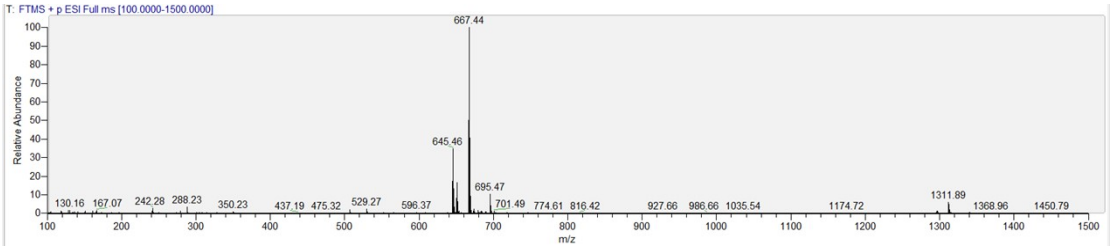
^{1}H NMR of L11



^{13}C NMR of L11

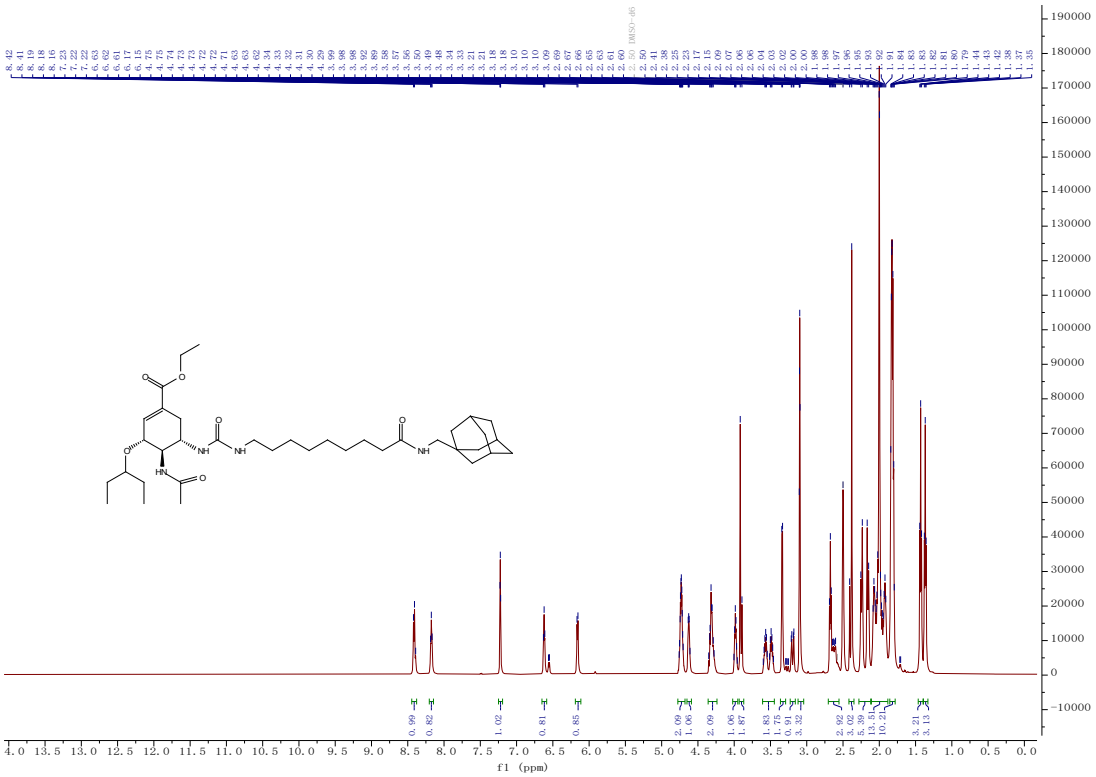


ESI-HRMS spectrum of L11

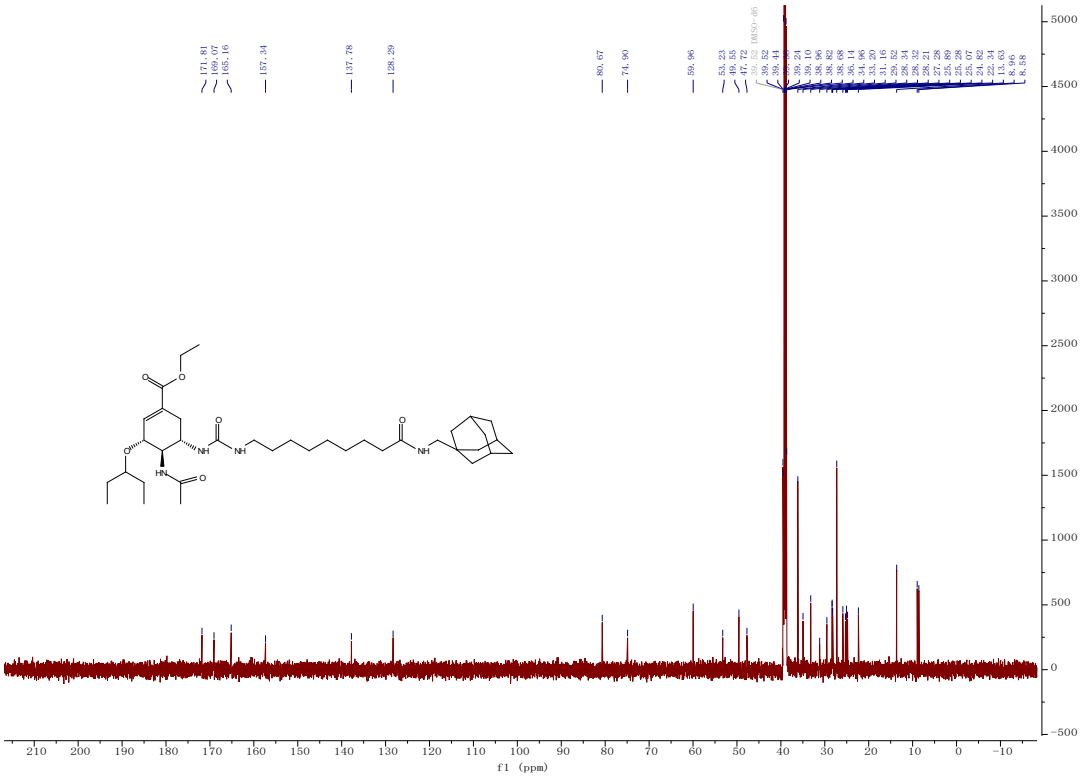


Spectrums of L12

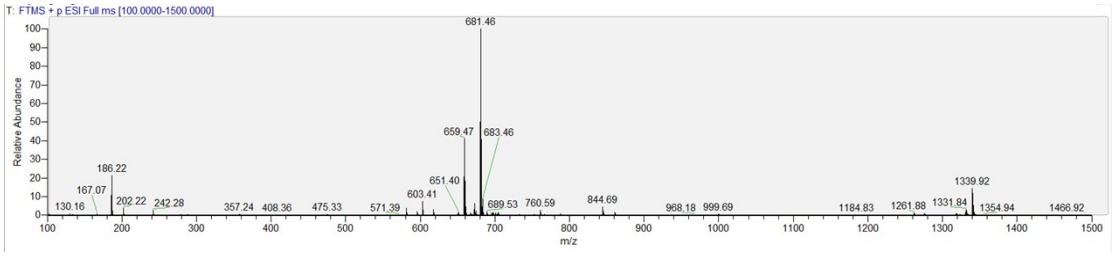
^{1}H NMR of L12



^{13}C NMR of L12

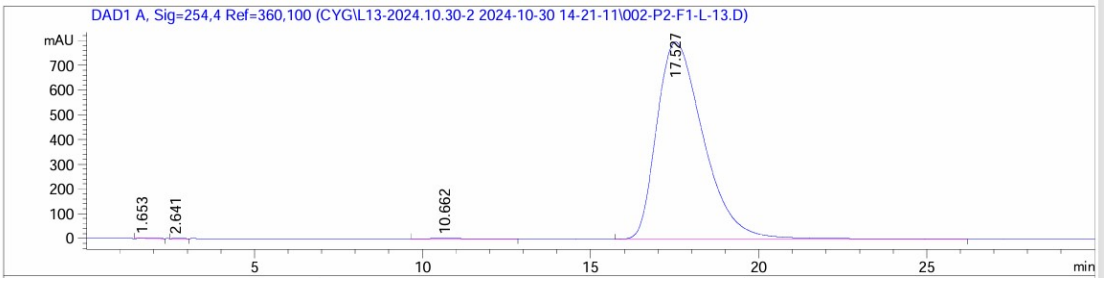


ESI-HRMS spectrum of L12



HPLC spectrum of L12

The enantiomeric excess was determined by HPLC analysis on Daicel Chiralpak AS-3 column (0.01 × 25 cm), Hexane/^{i}PrOH = 80:20, flow rate = 0.4 mL/min, λ = 254 nm, $t_{1/2}$: 17.527 min.

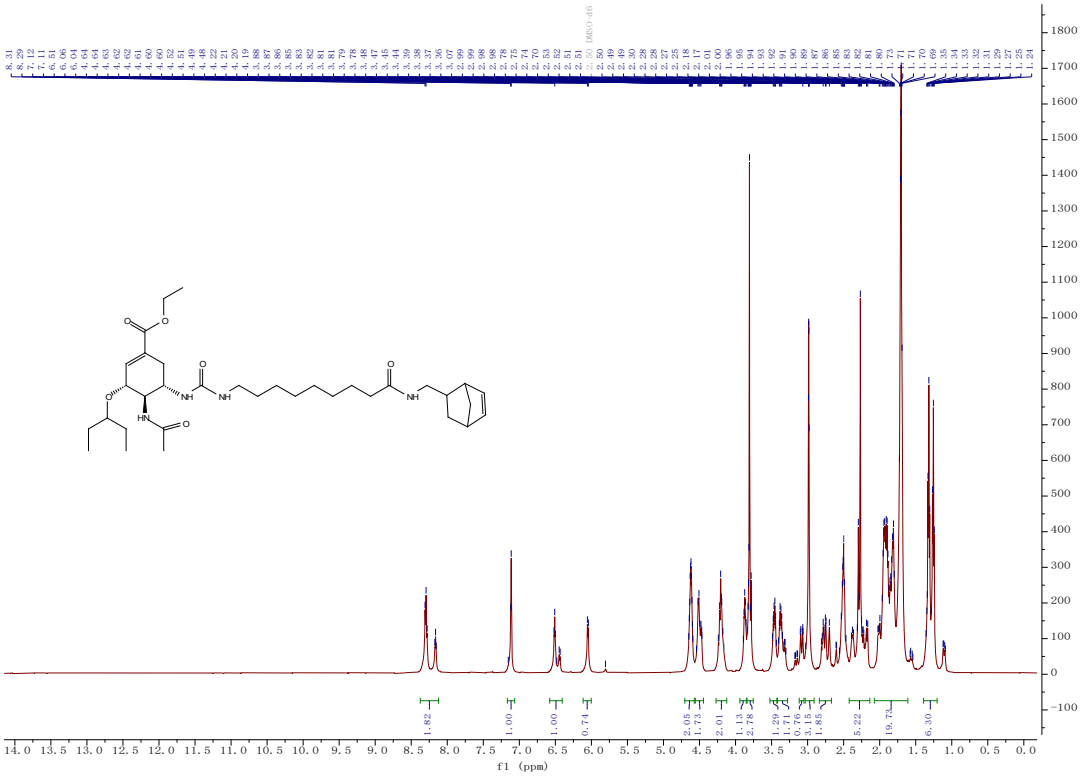


Signal 1: DAD1 A, Sig=254,4 Ref=360,100

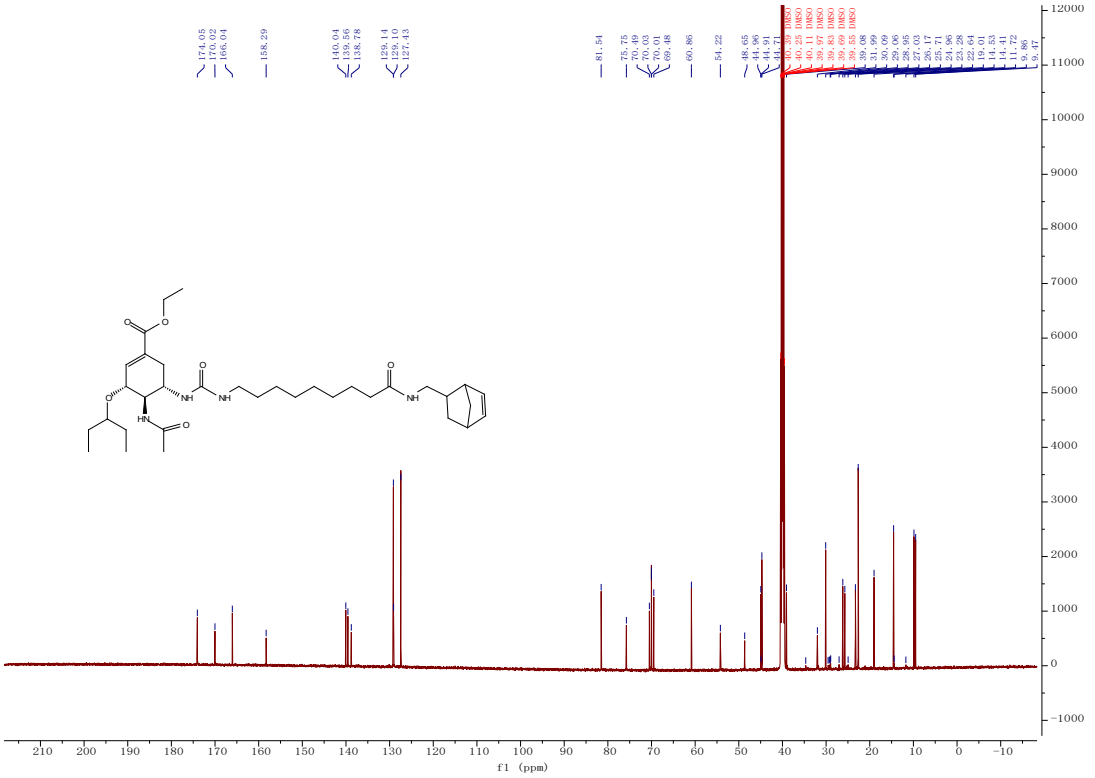
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.653	BB	0.1782	46.82692	3.41114	0.0609
2	2.641	BV	0.1682	18.22373	1.45404	0.0237
3	10.662	BB	0.7094	195.31413	3.26759	0.2539
4	17.527	BB	1.4794	7.66740e4	796.26025	99.6616
Totals :				7.69344e4	804.39303	

Spectrums of L13

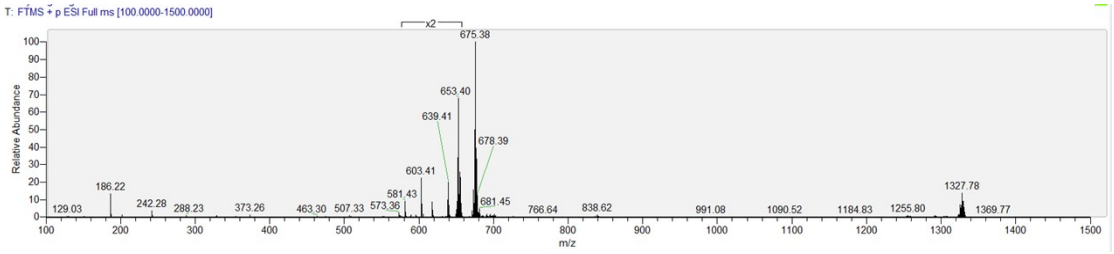
^{1}H NMR of L13



^{13}C NMR of L13

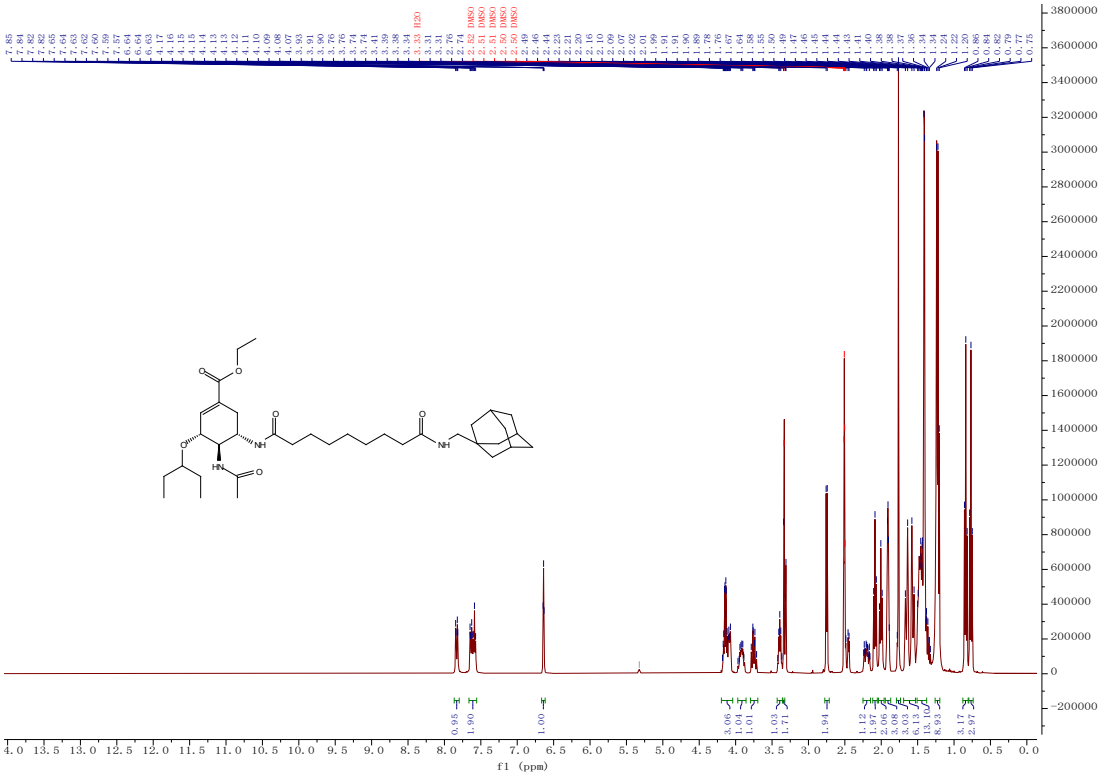


ESI-HRMS spectrum of L13

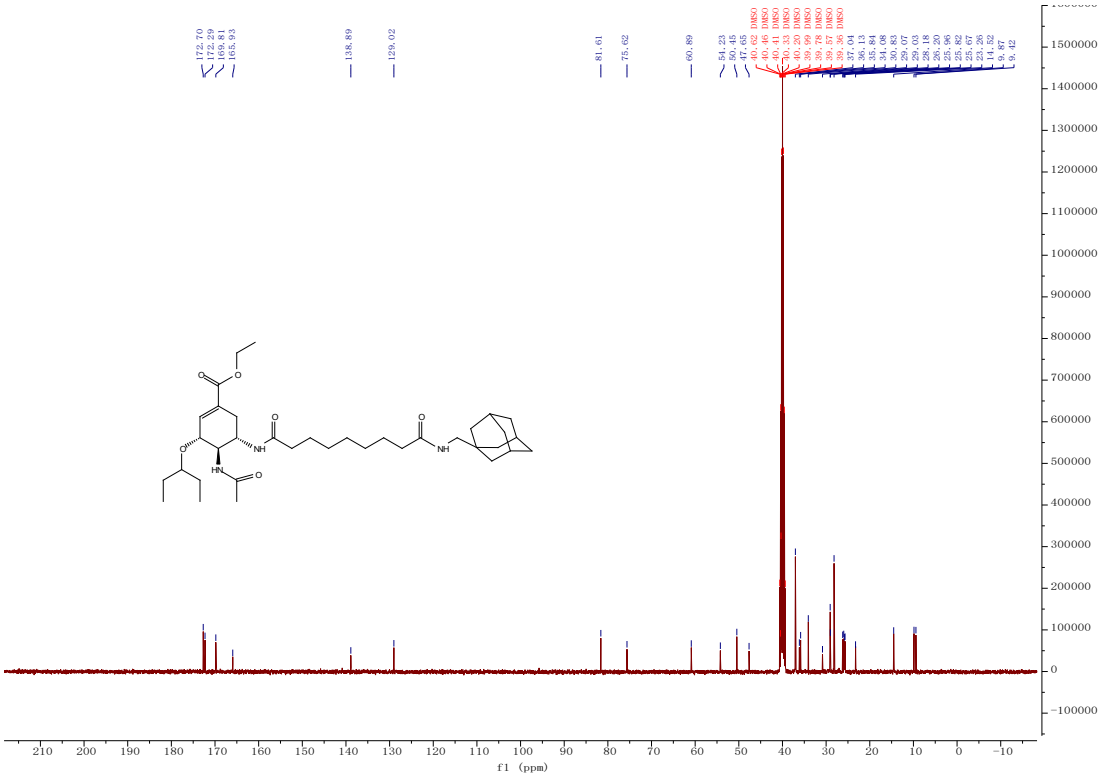


Spectrums of L14

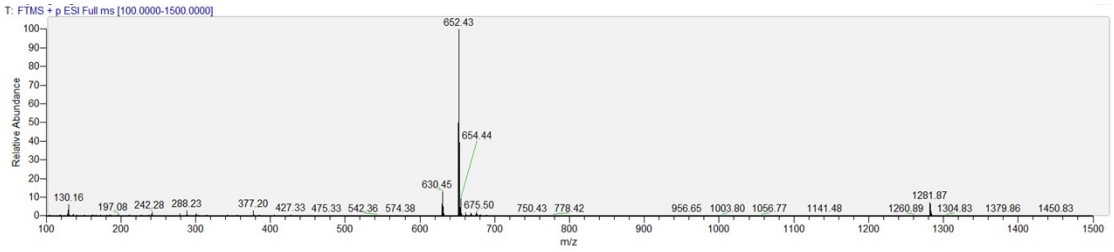
^{1}H NMR of L14



^{13}C NMR of L14

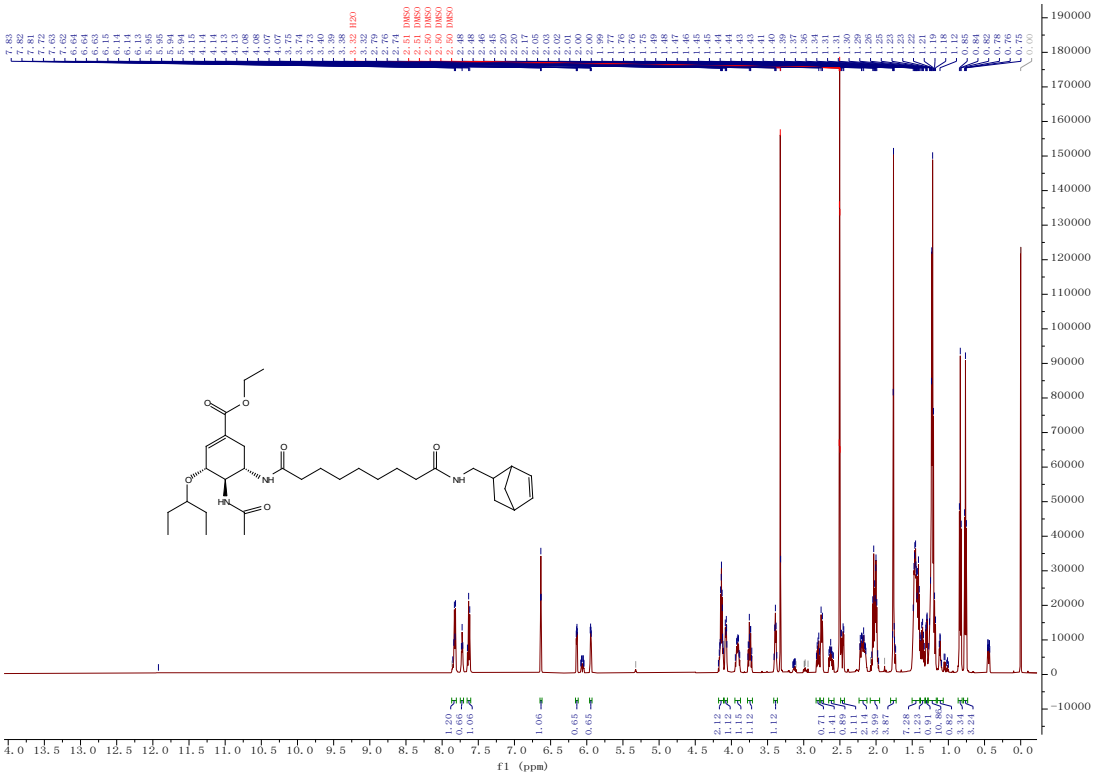


ESI-HRMS spectrum of L14

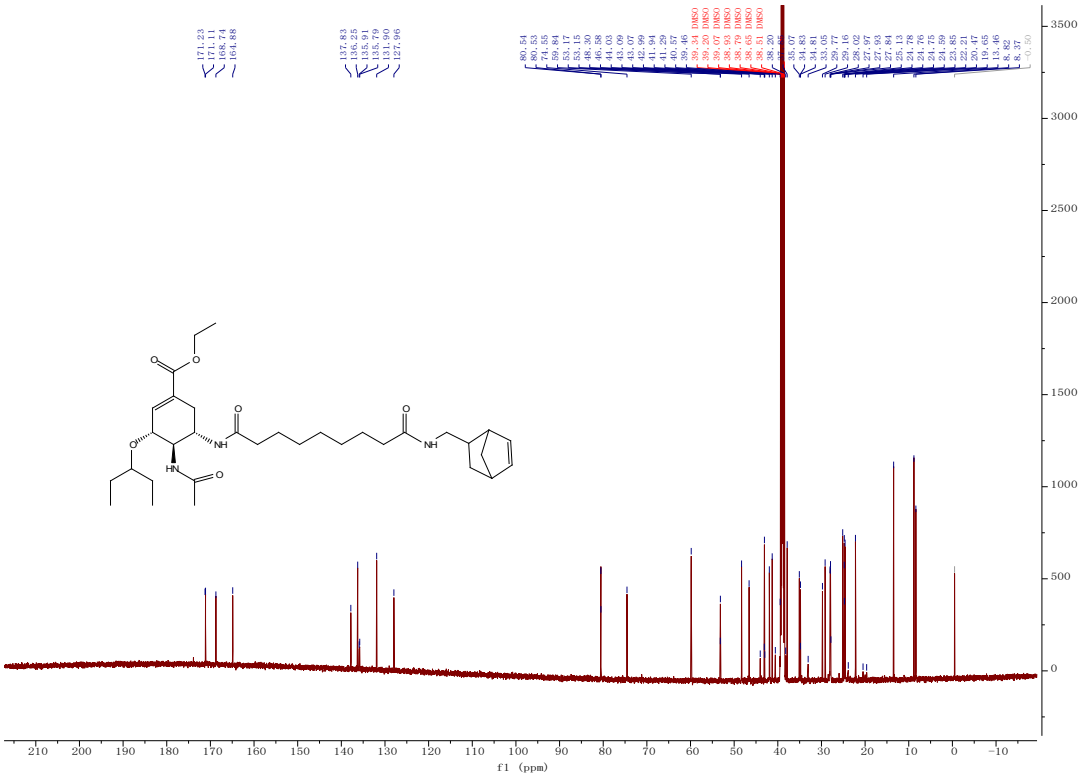


Spectrums of L15

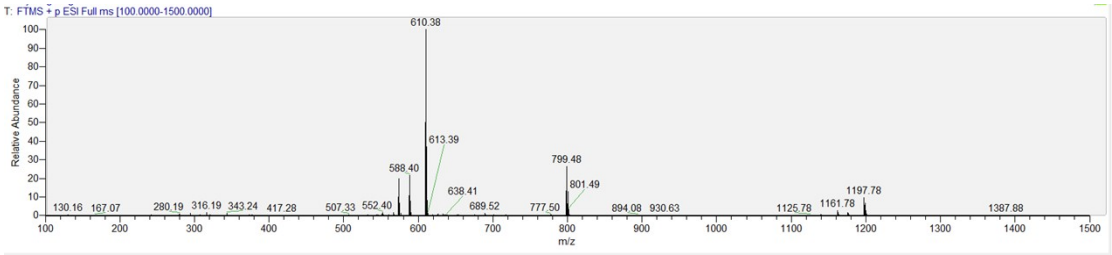
^{1}H NMR of L15



^{13}C NMR of L15

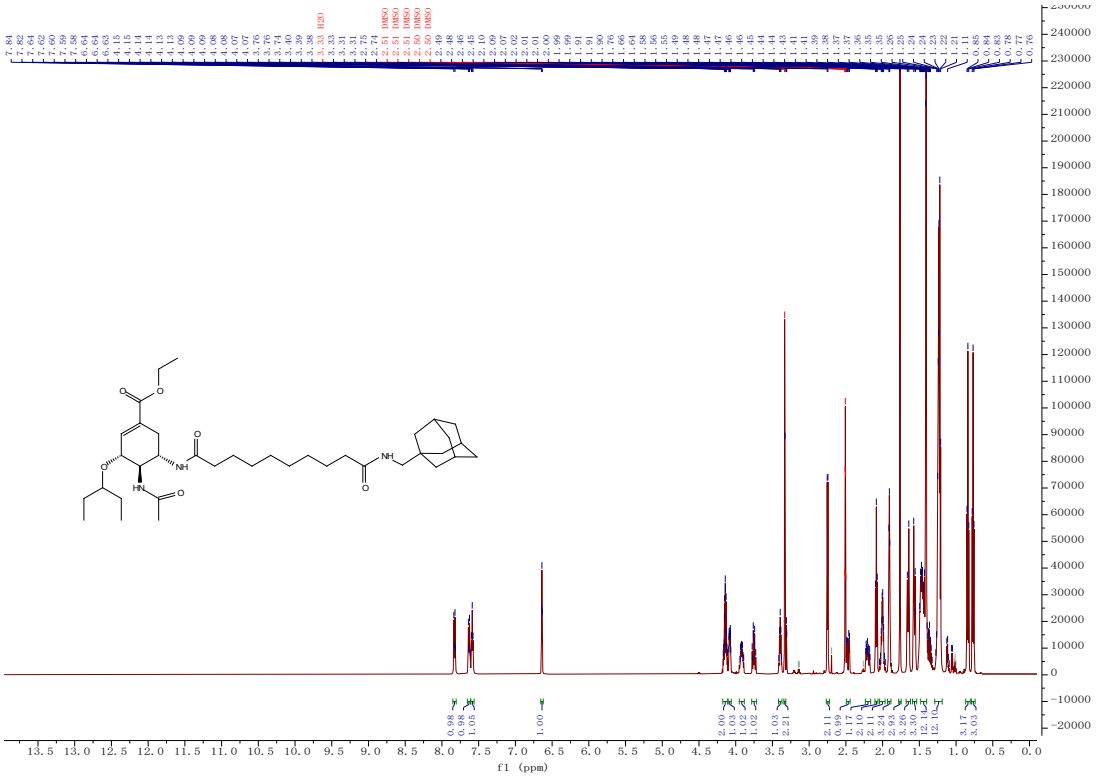


ESI-HRMS spectrum of L15

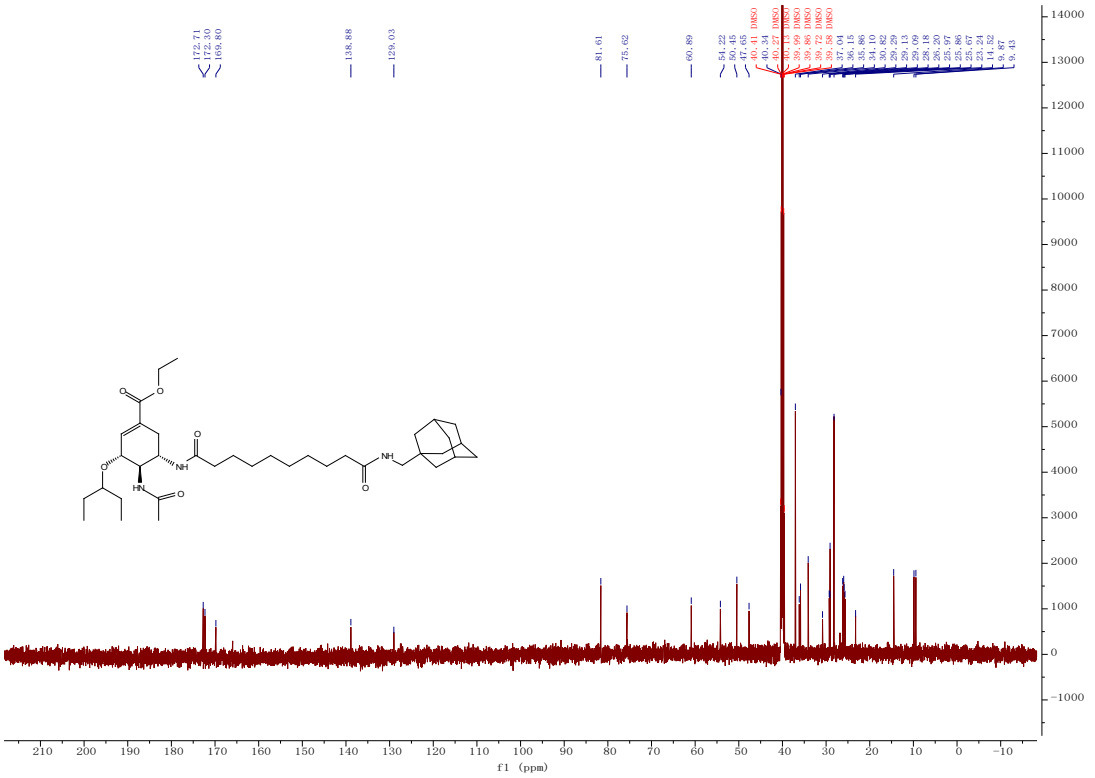


Spectrums of L16

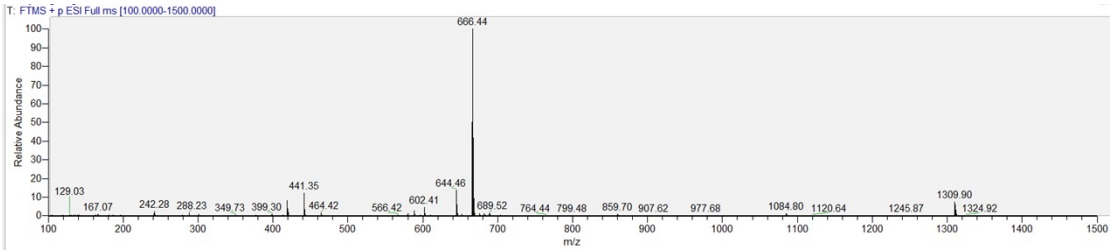
^{1}H NMR of L16



^{13}C NMR of L16

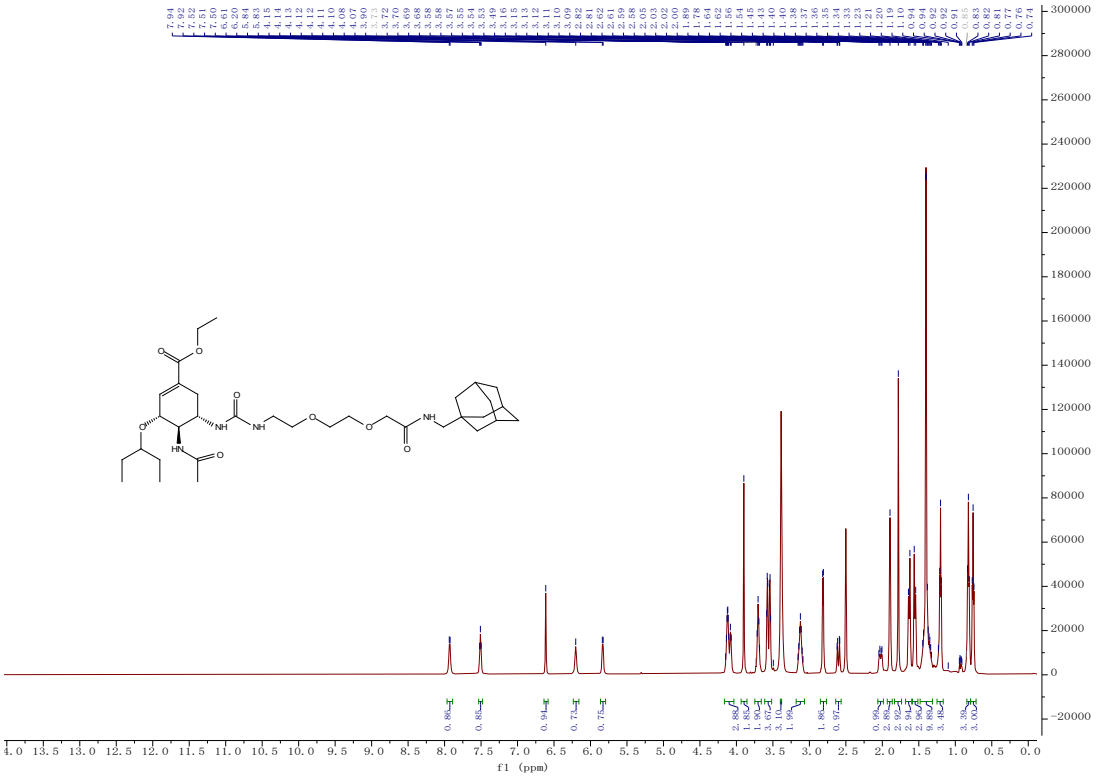


ESI-HRMS spectrum of L16

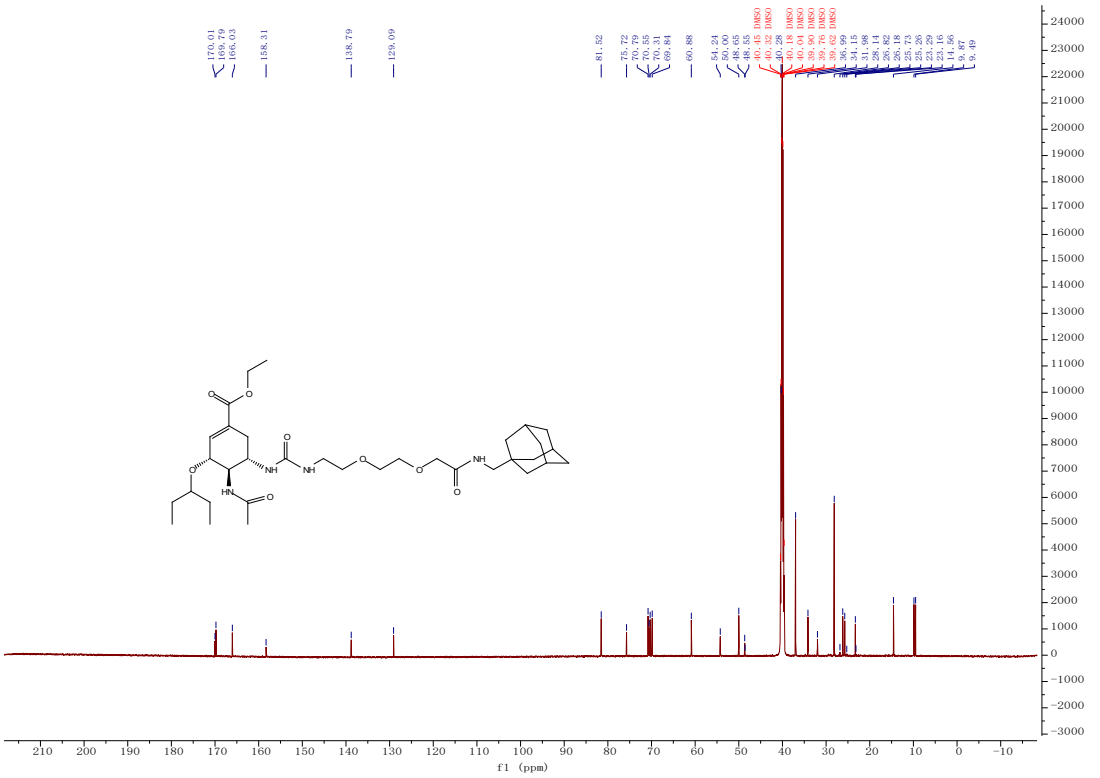


Spectrums of L17

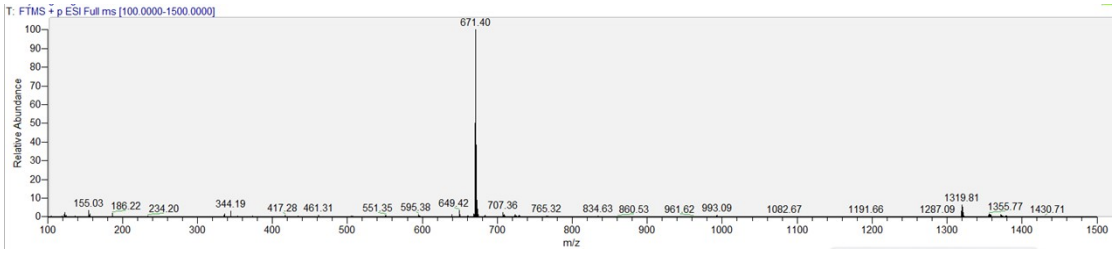
^{1}H NMR of L17



^{13}C NMR of L17

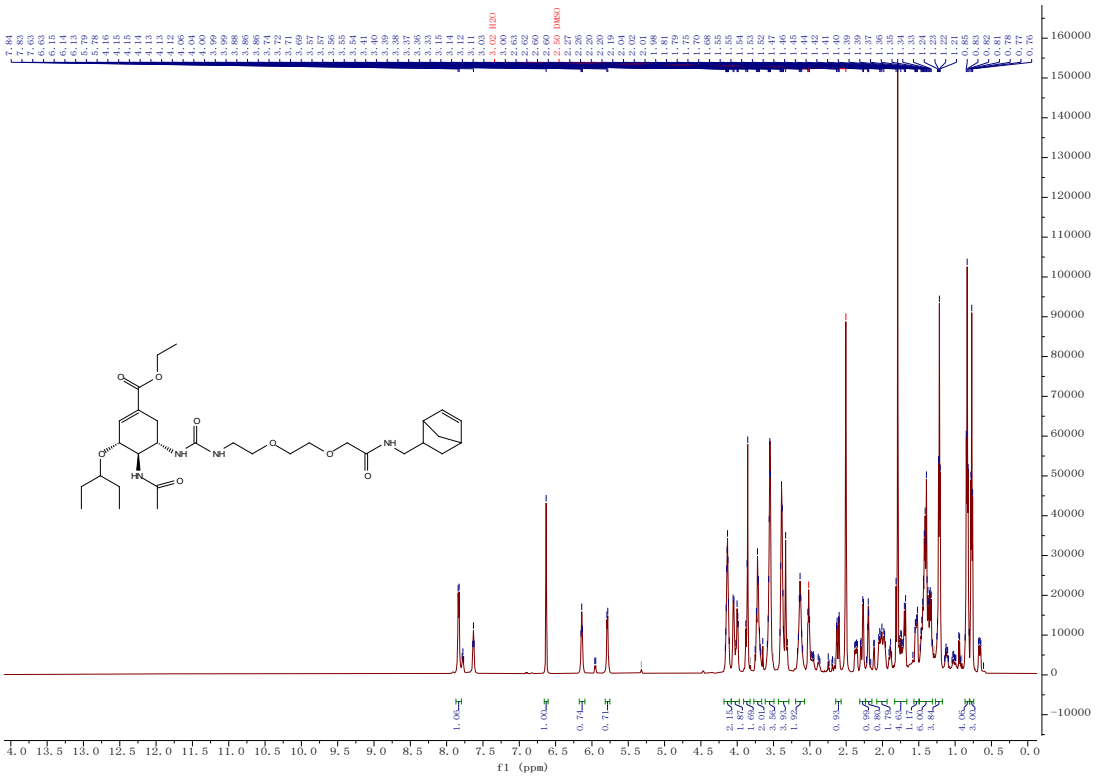


ESI-HRMS spectrum of L17

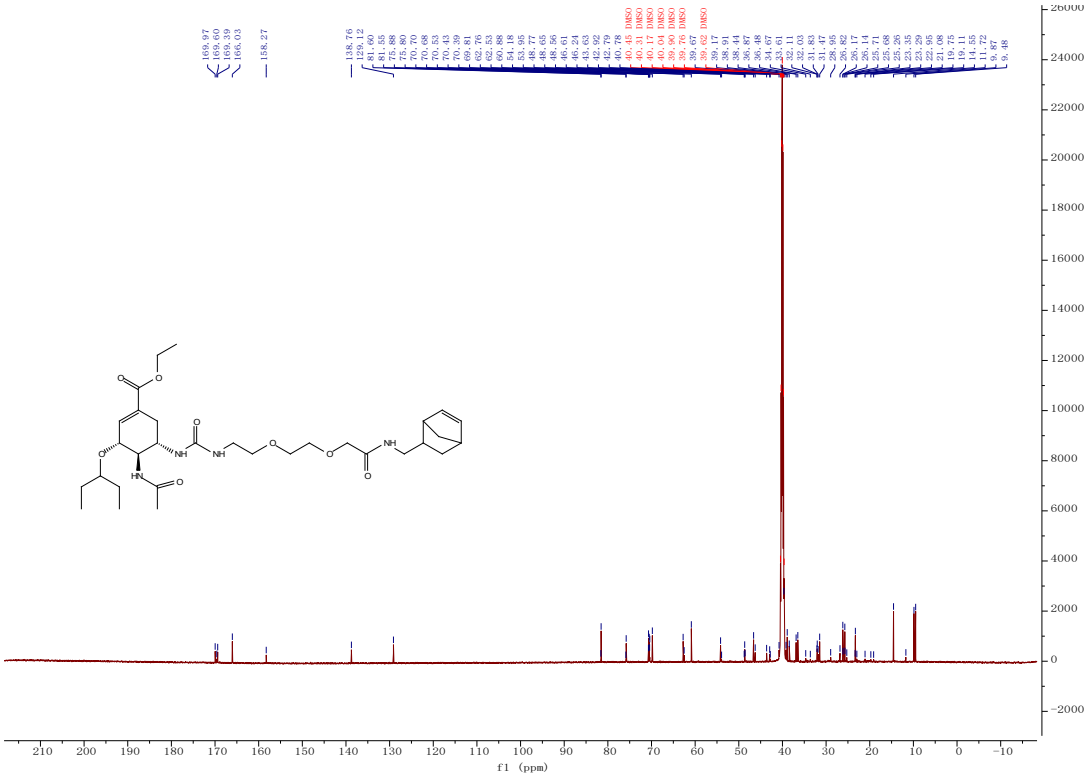


Spectrums of L18

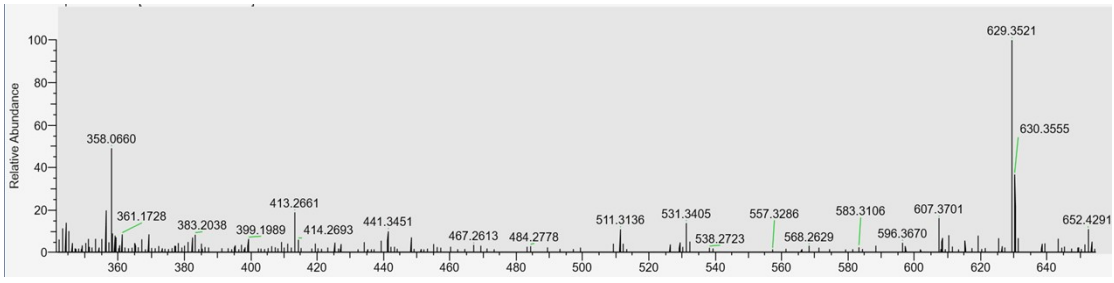
^{1}H NMR of L18



^{13}C NMR of L18

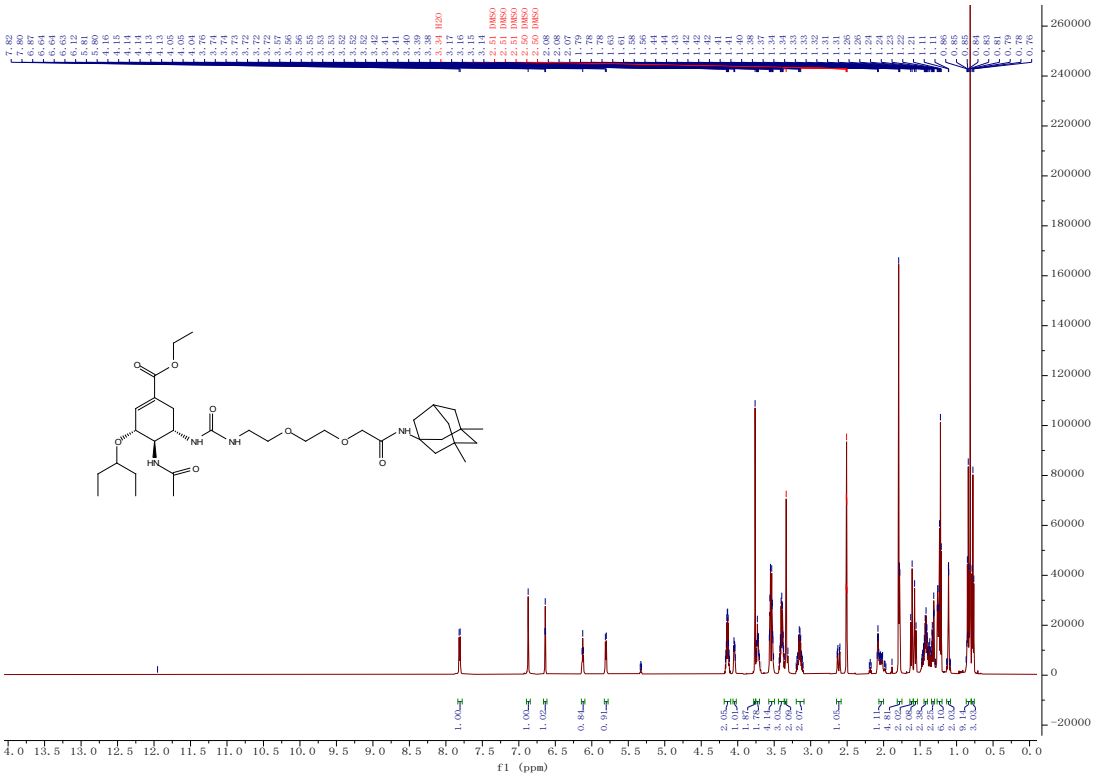


ESI-HRMS spectrum of L18

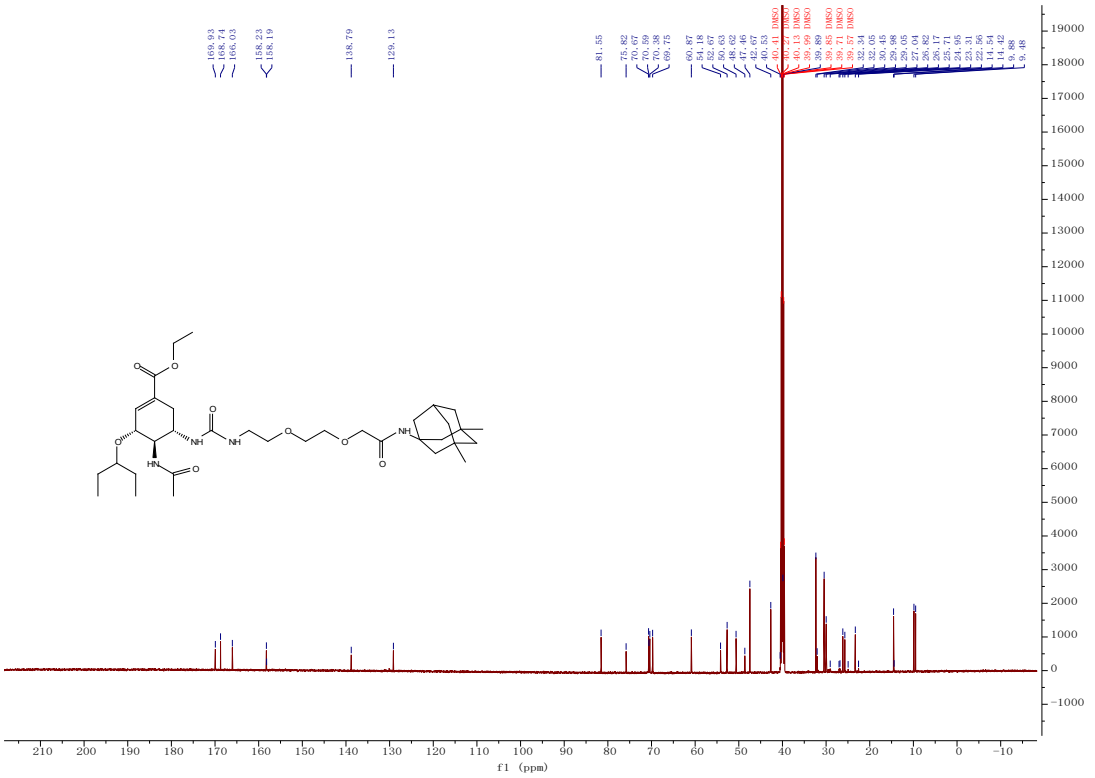


Spectrums of L19

^{1}H NMR of L19



^{13}C NMR of L19



ESI-HRMS spectrum of L19