

Supporting Information

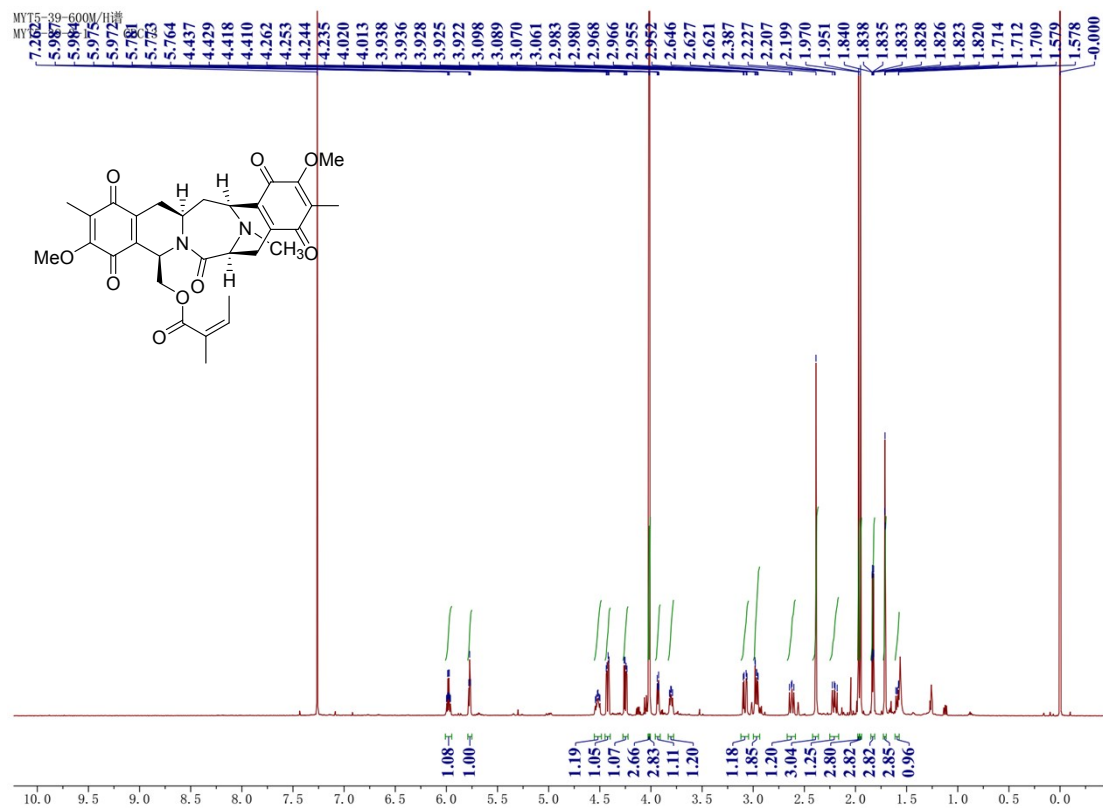
Synthesis and cytotoxicity of (-)-homo-renieramycin G and its derivatives

Yantao Ma,^a Xuan Pan,^a Baohe Guan,^a Guangyan Zhang,^a
Zhanzhu Liu^{*a}

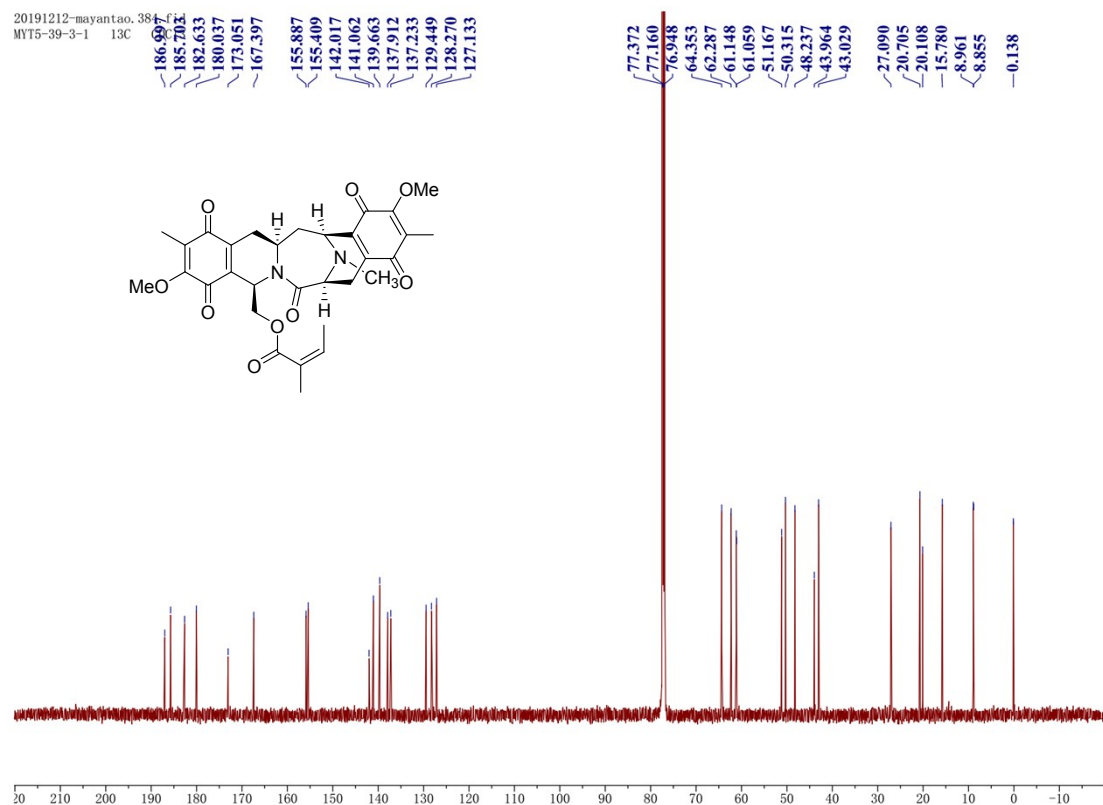
^aState Key Laboratory of Bioactive Substances and Functions of Natural Medicines,
Institute of Materia Medica, Peking Union Medical College and Chinese Academy of
Medical Sciences, Beijing 100050, P. R. China

*E-mail: liuzhazhu@imm.ac.cn

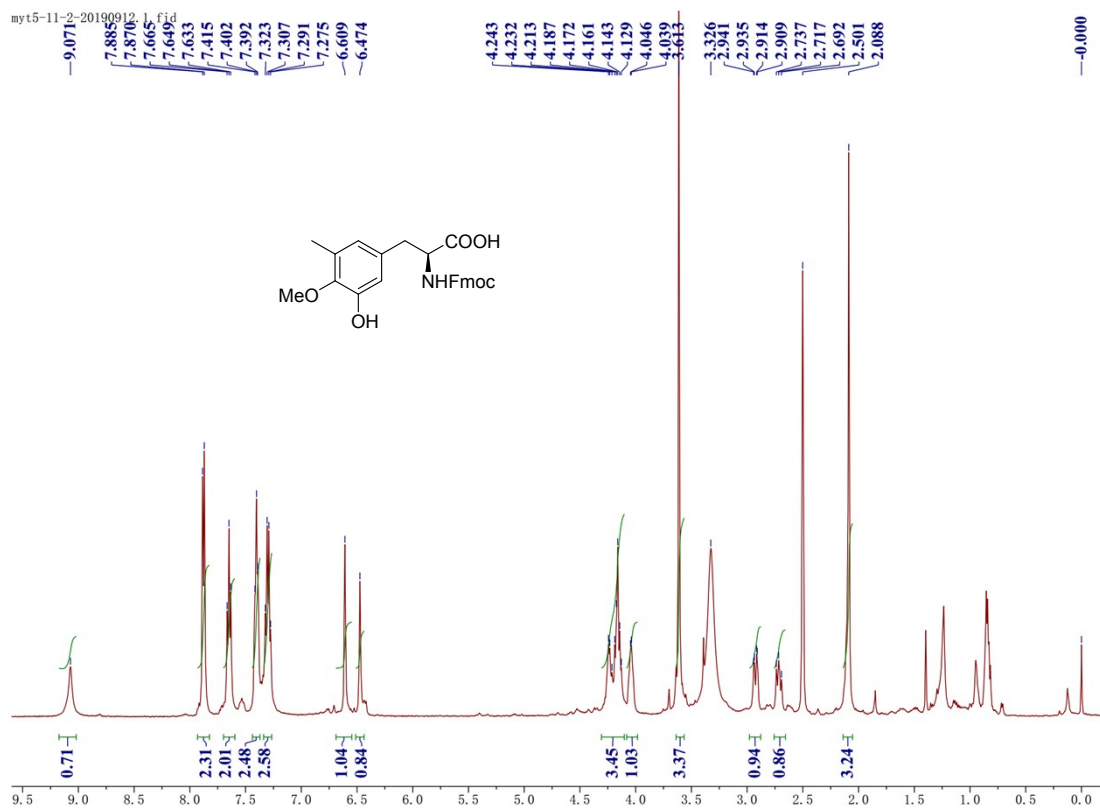
¹H NMR of compound 1



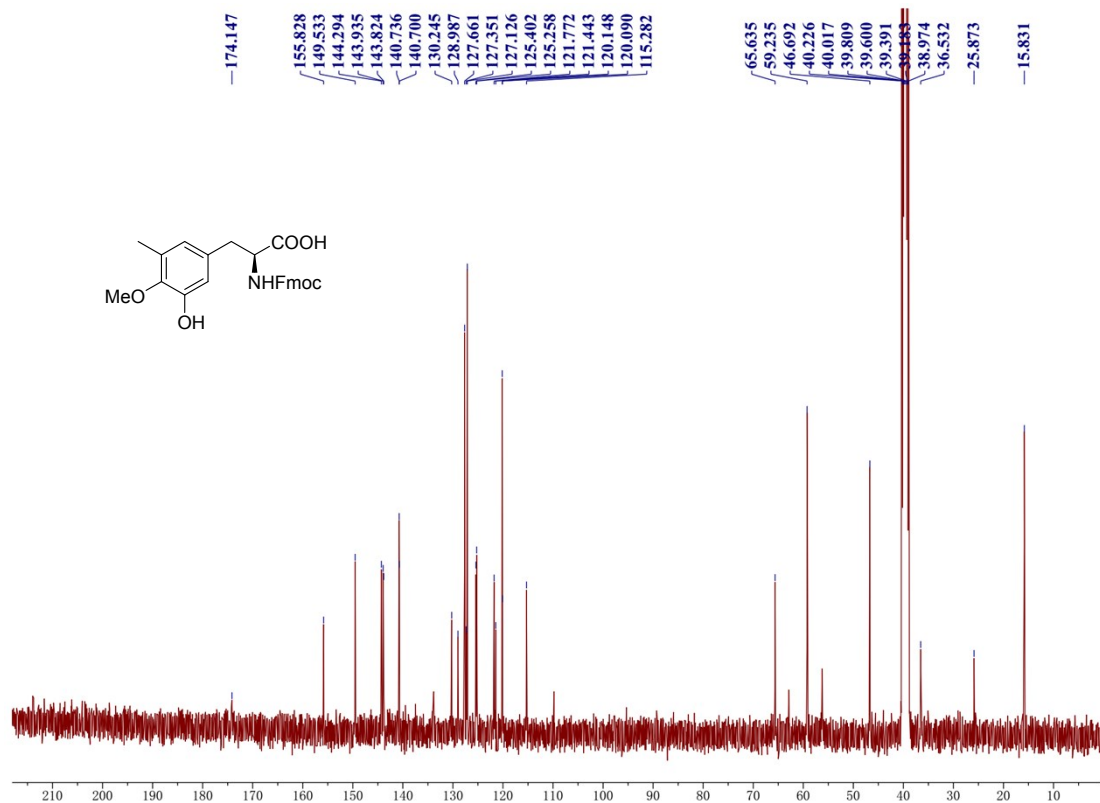
¹³C NMR of compound 1



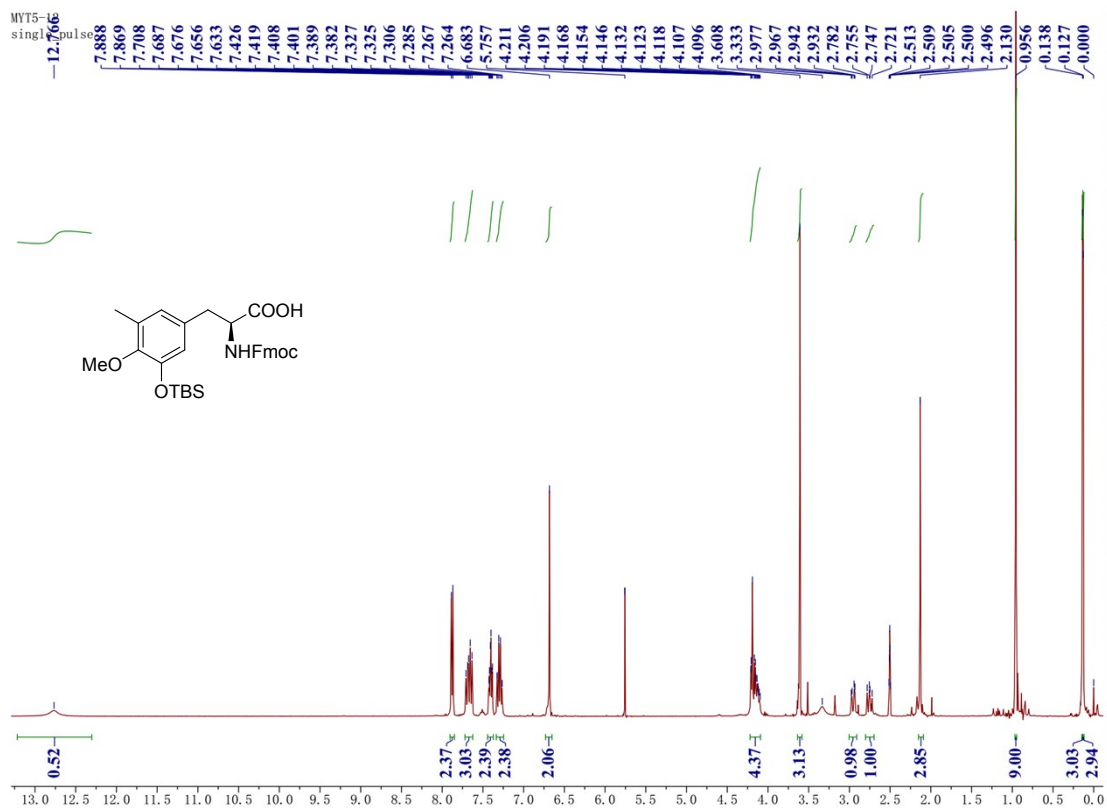
¹H NMR of compound 4



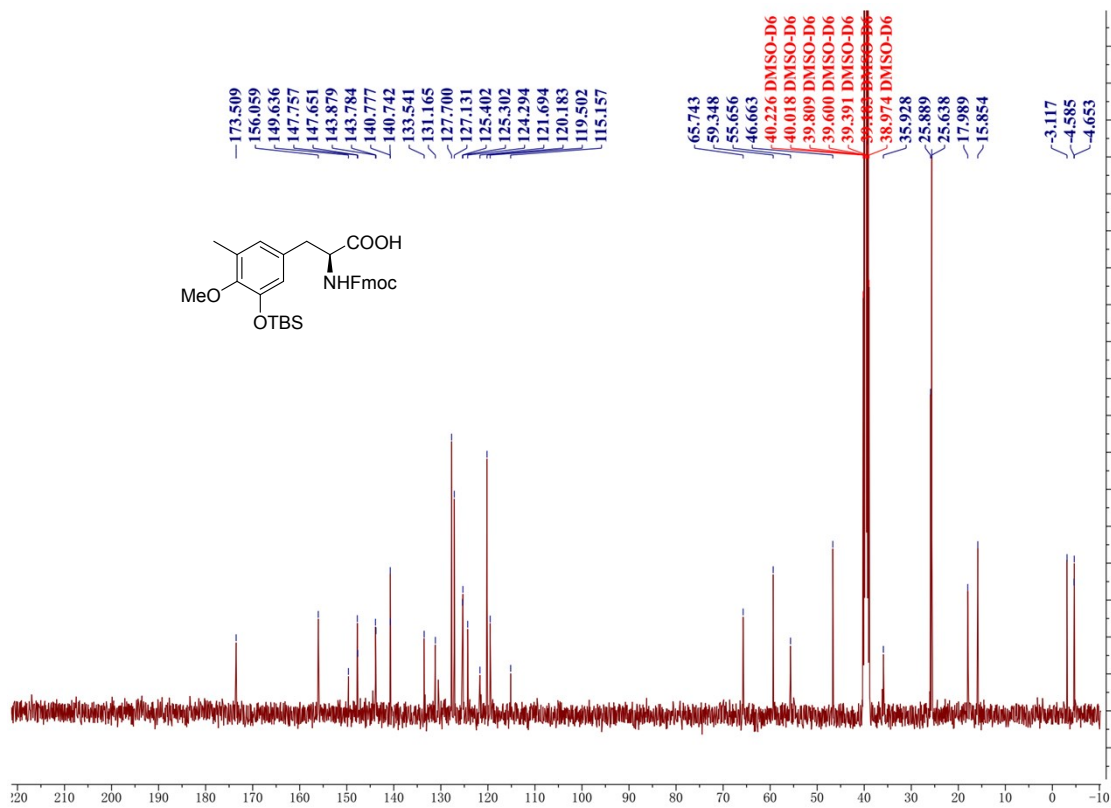
¹H NMR of compound 4



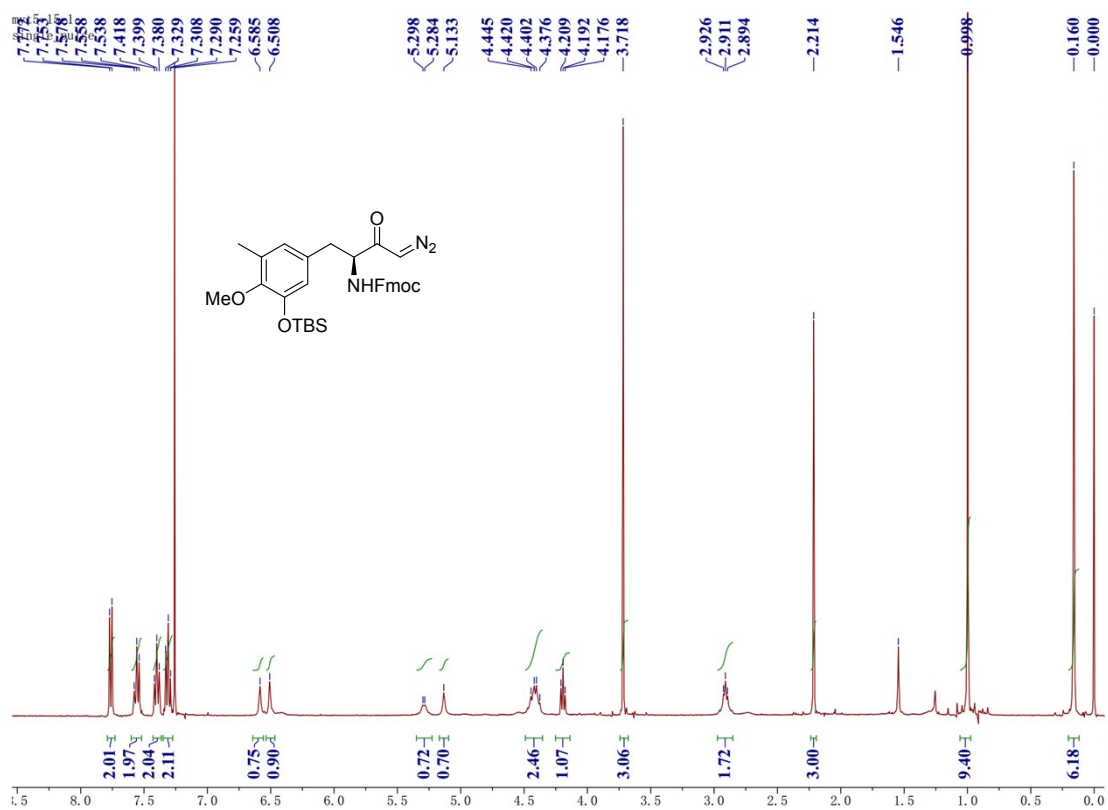
¹H NMR of compound 5



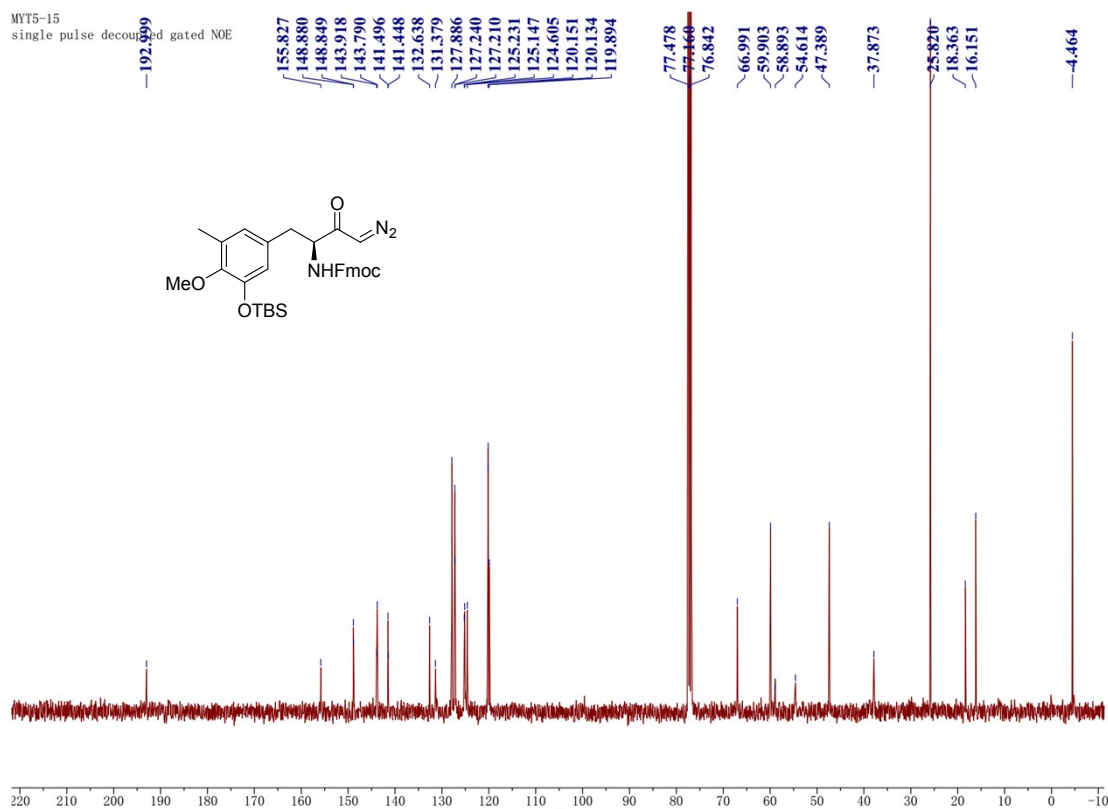
¹³C NMR of compound 5



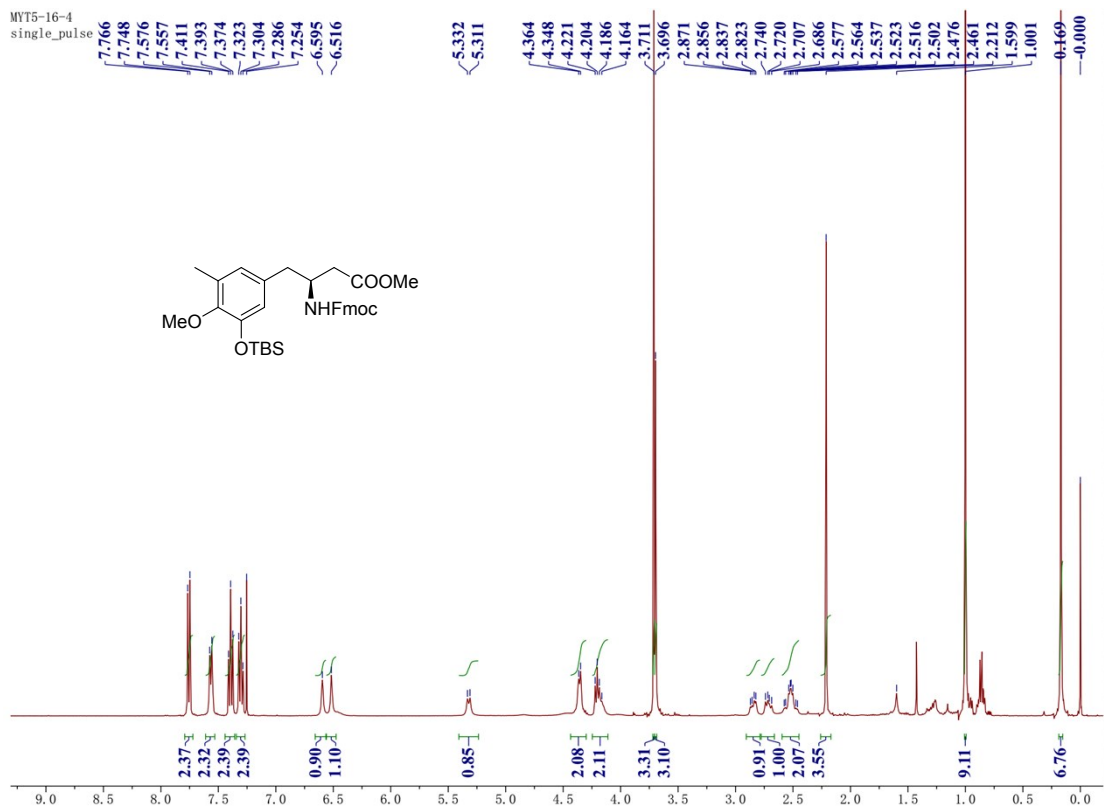
¹H NMR of compound 7



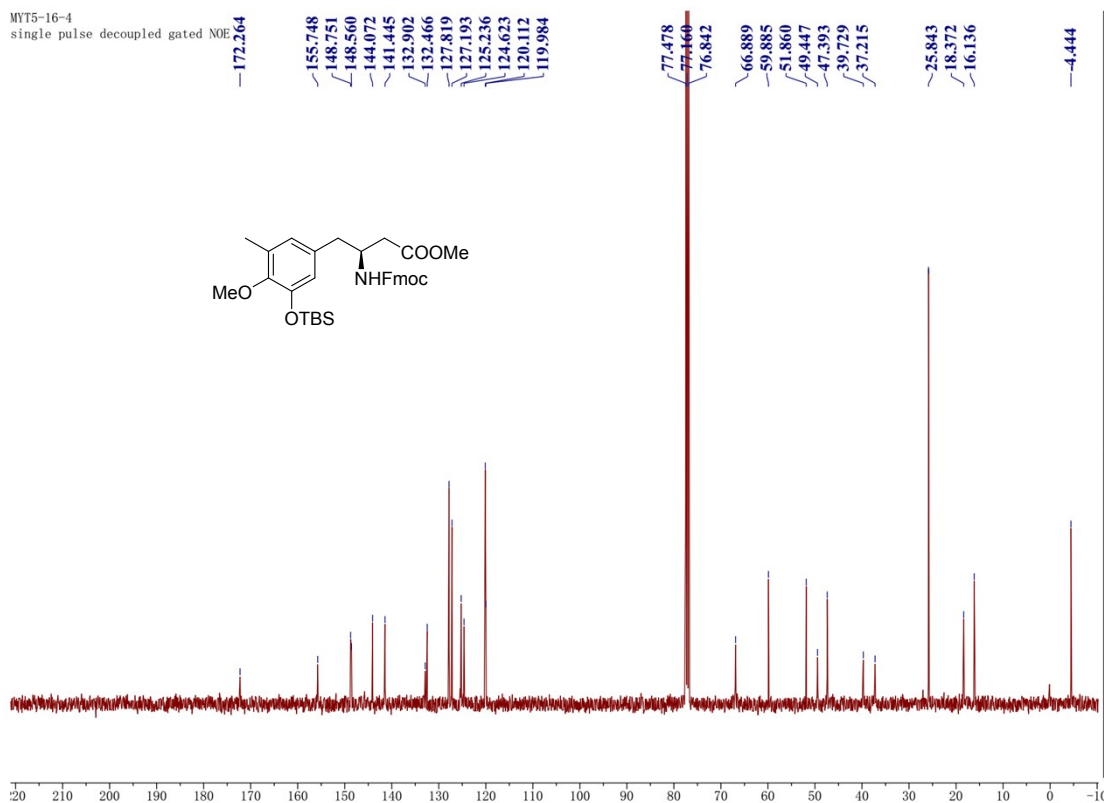
¹³C NMR of compound 7



¹H NMR of compound 8

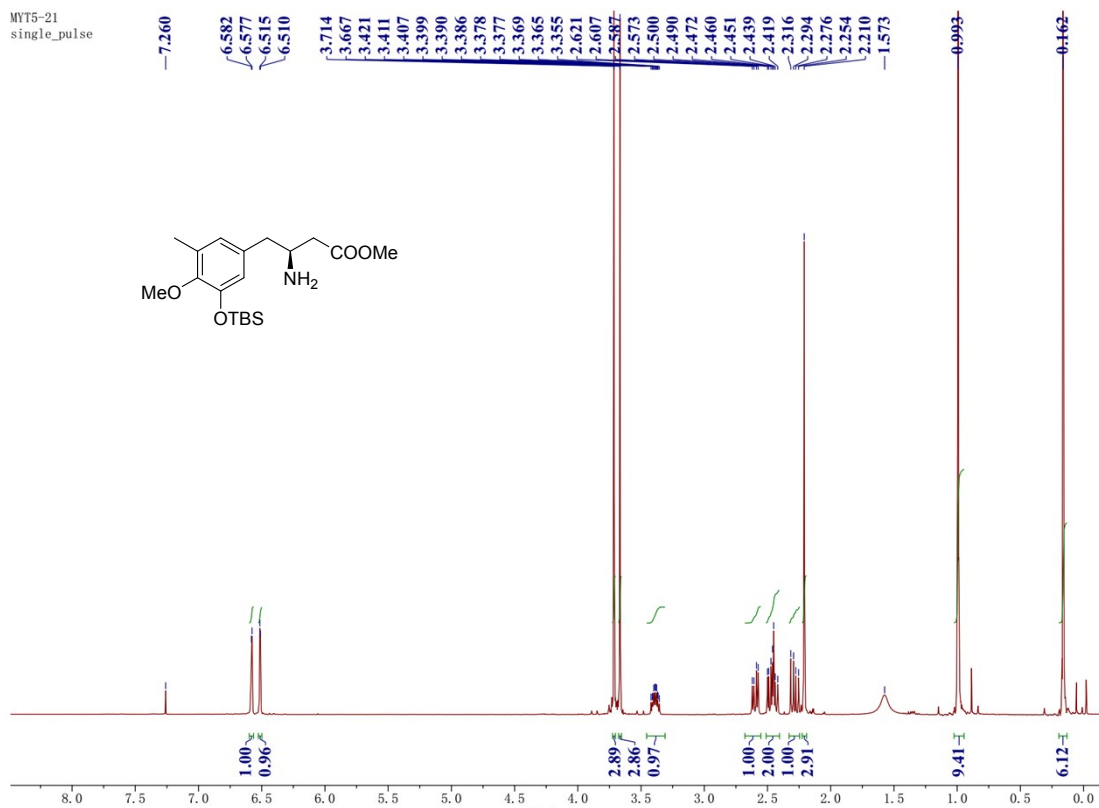


¹³C NMR of compound 8



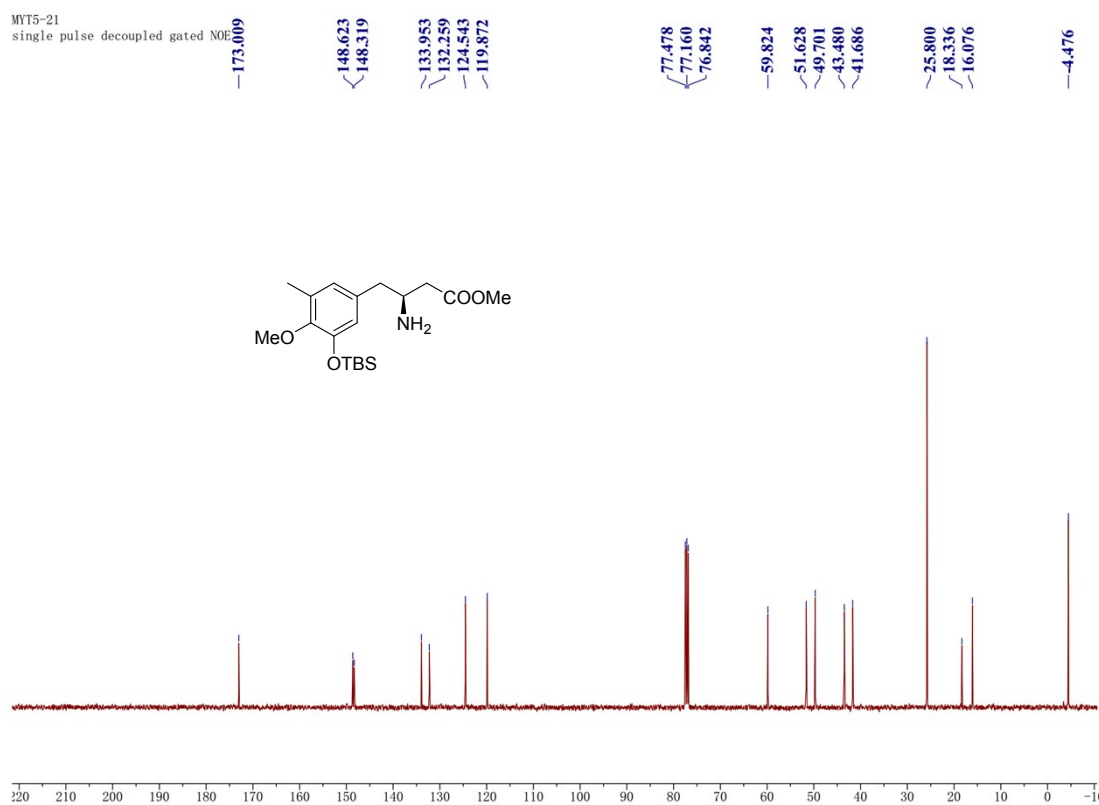
¹H NMR of compound 9

MYT5-21
single_pulse

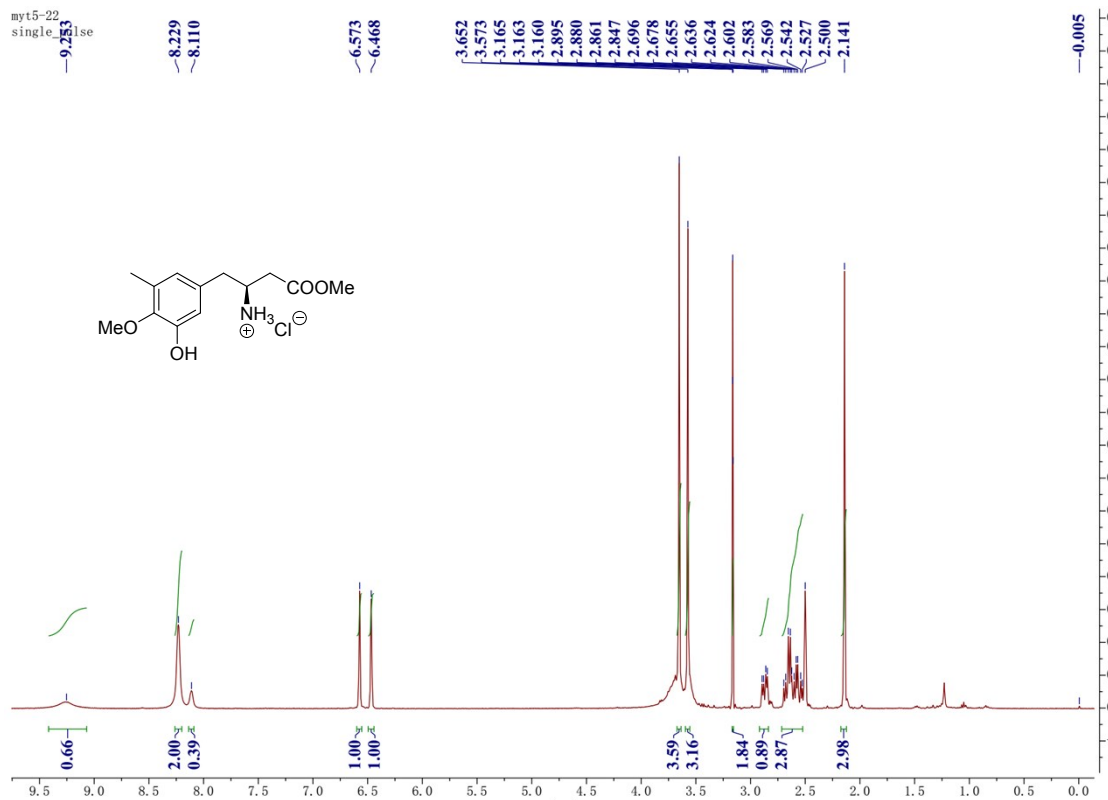


¹³C NMR of compound 9

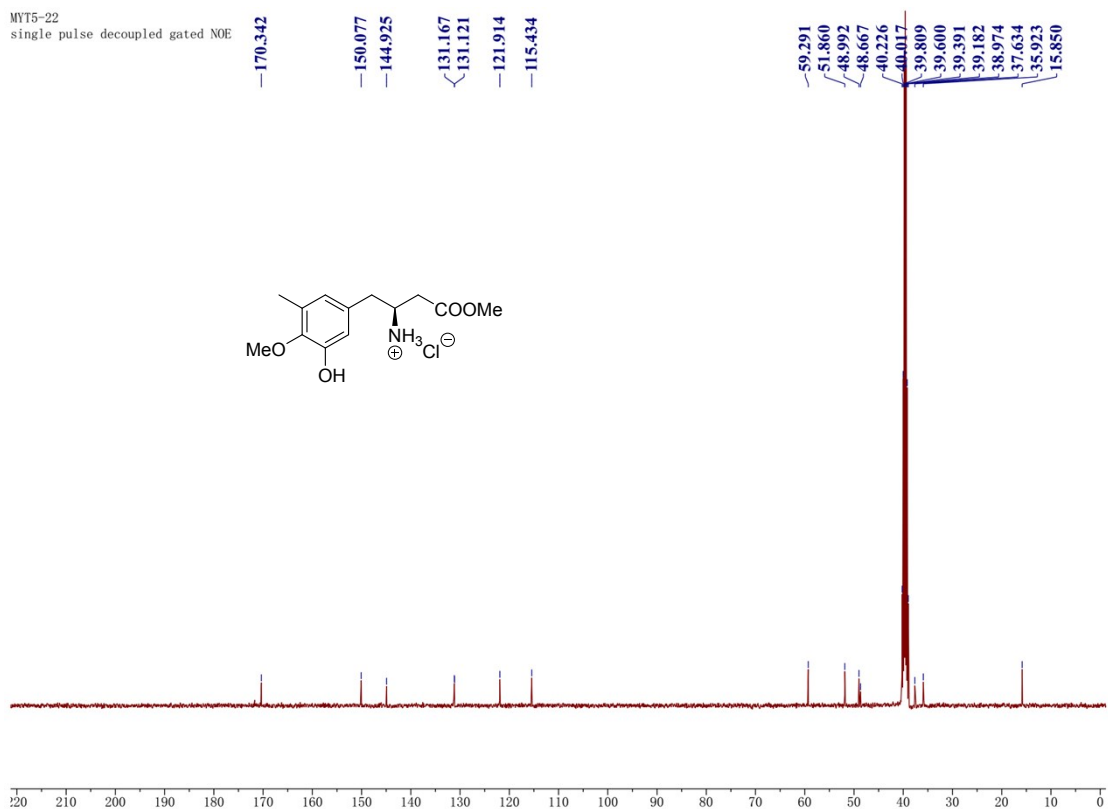
MYT5-21
single pulse decoupled gated NOE



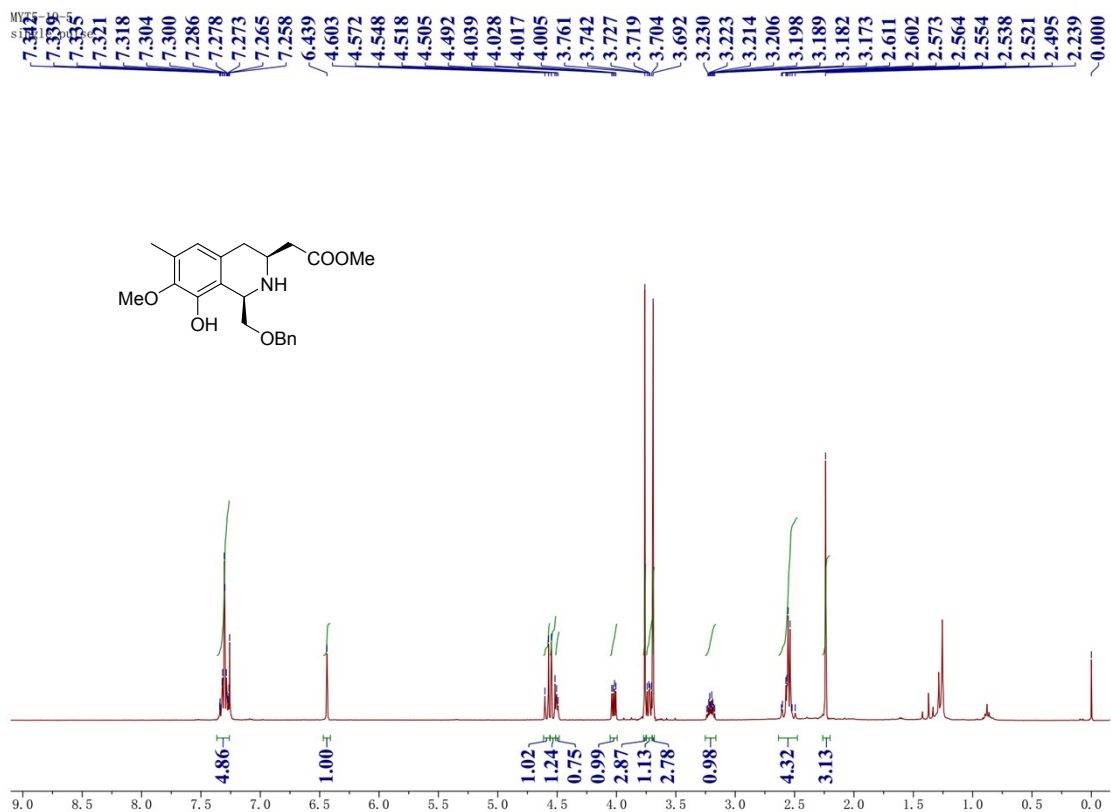
¹H NMR of compound 10



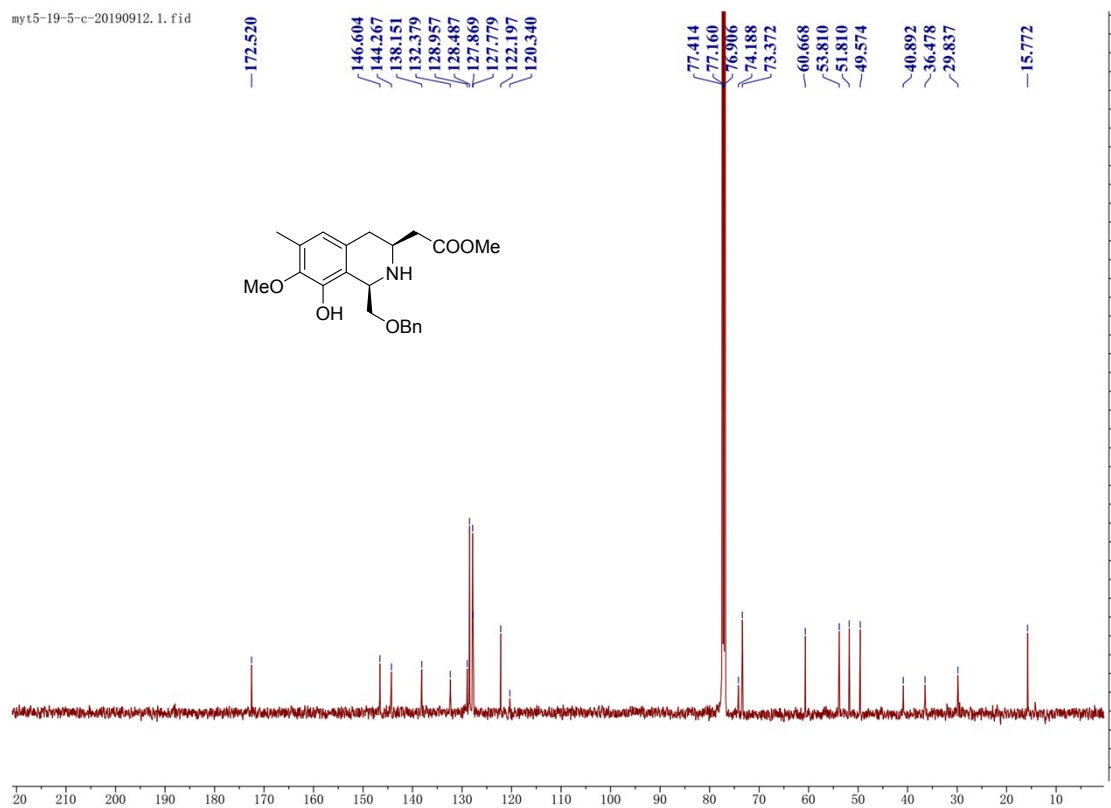
¹³C NMR of compound 10



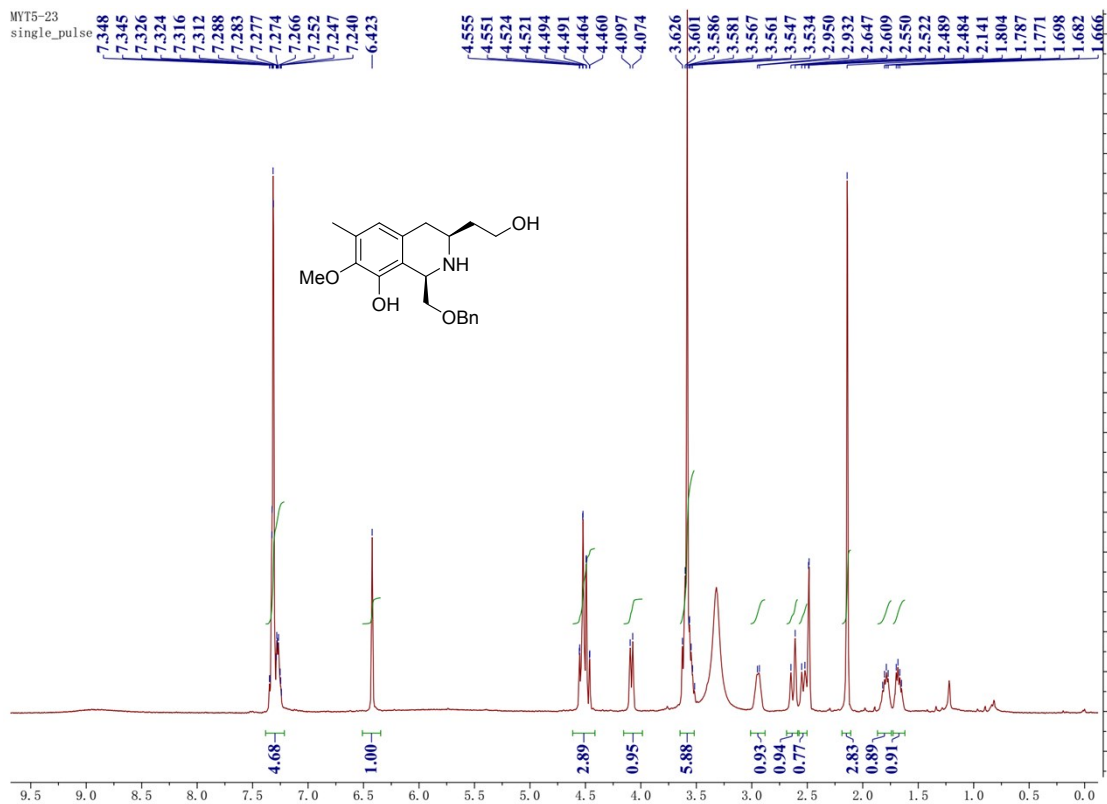
¹H NMR of compound 11



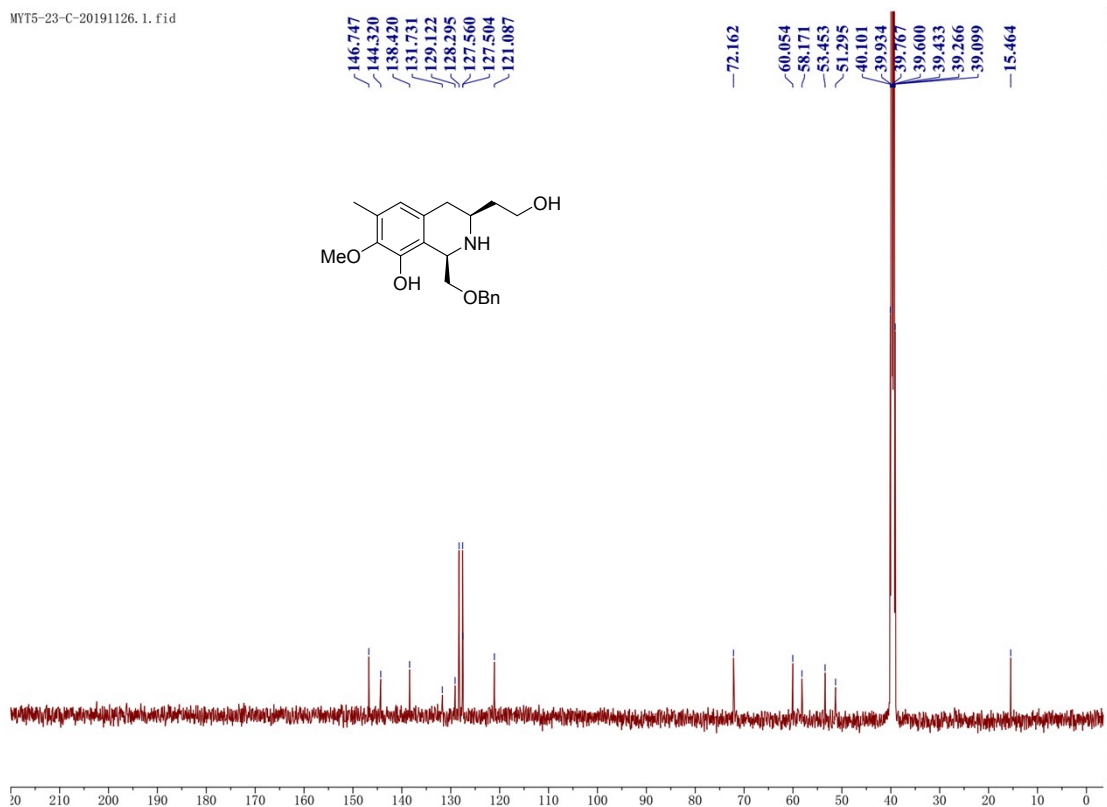
¹³C NMR of compound 11



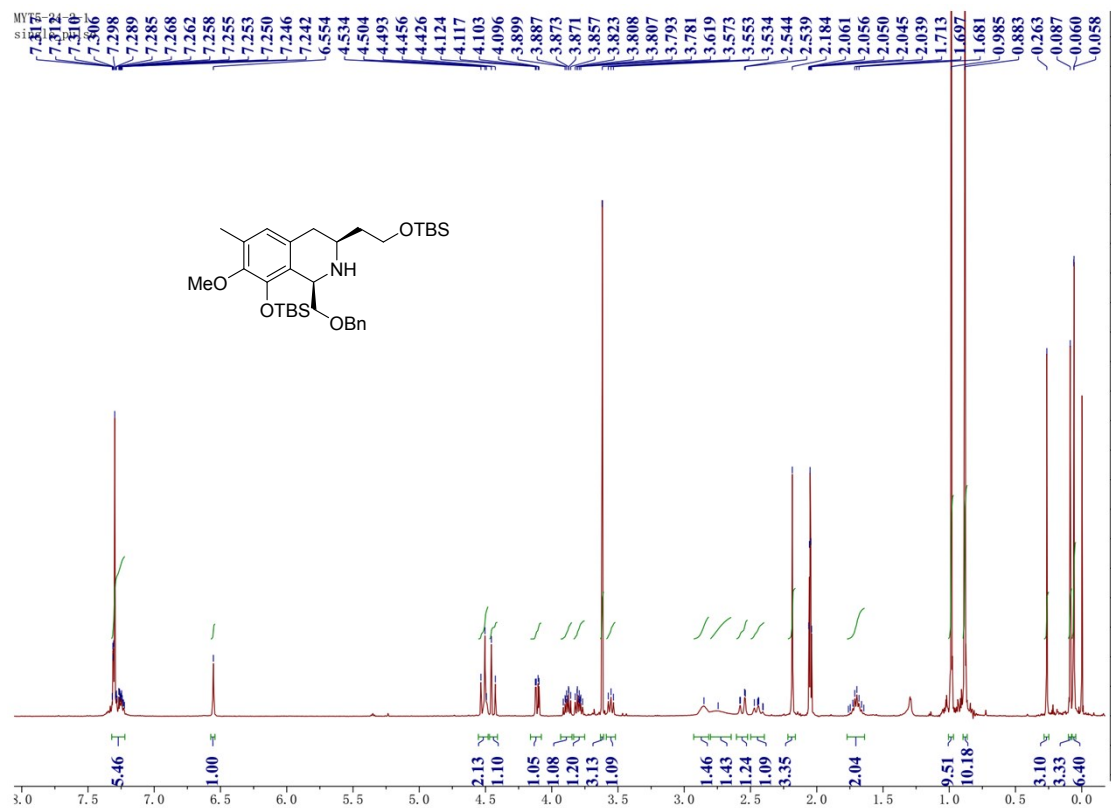
¹H NMR of compound 12



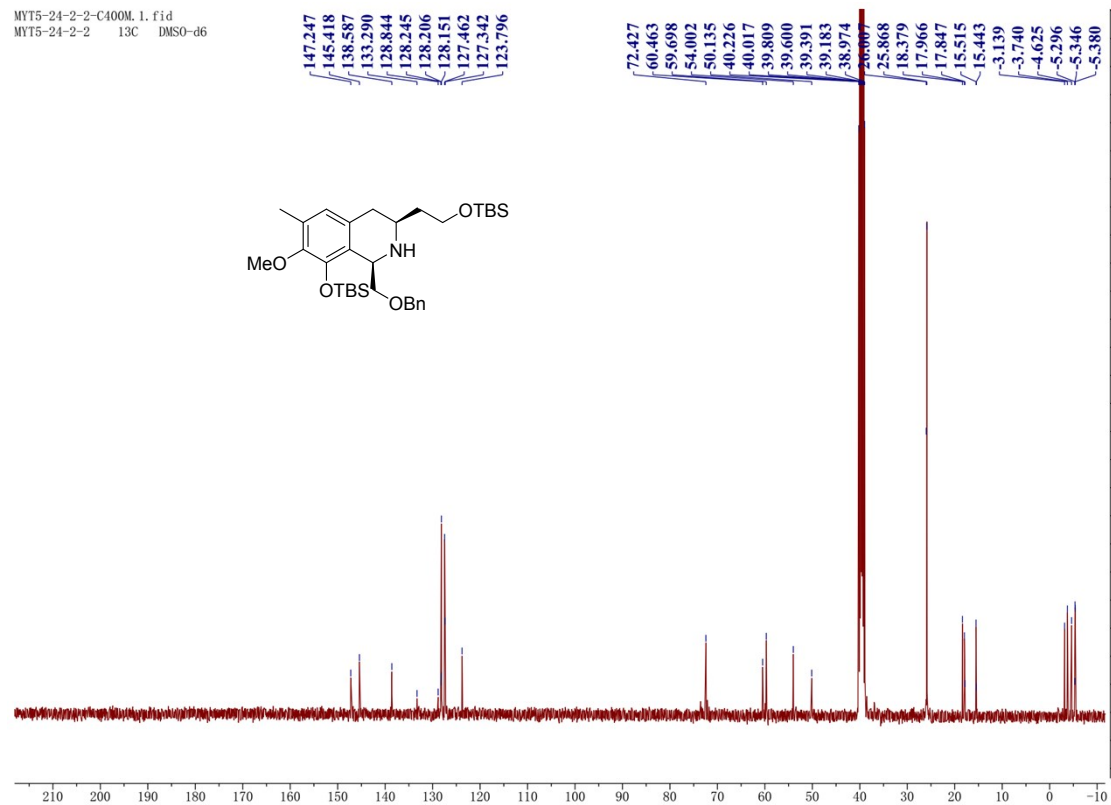
¹³C NMR of compound 12



¹H NMR of compound 13

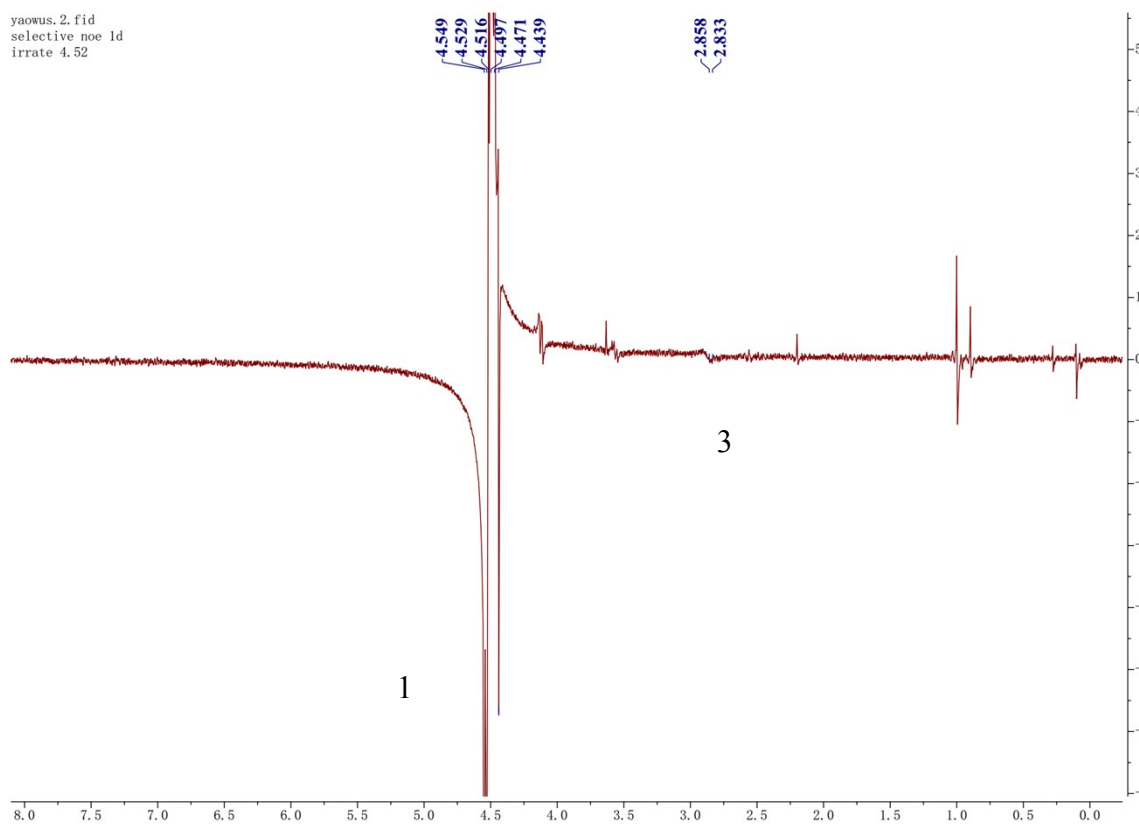
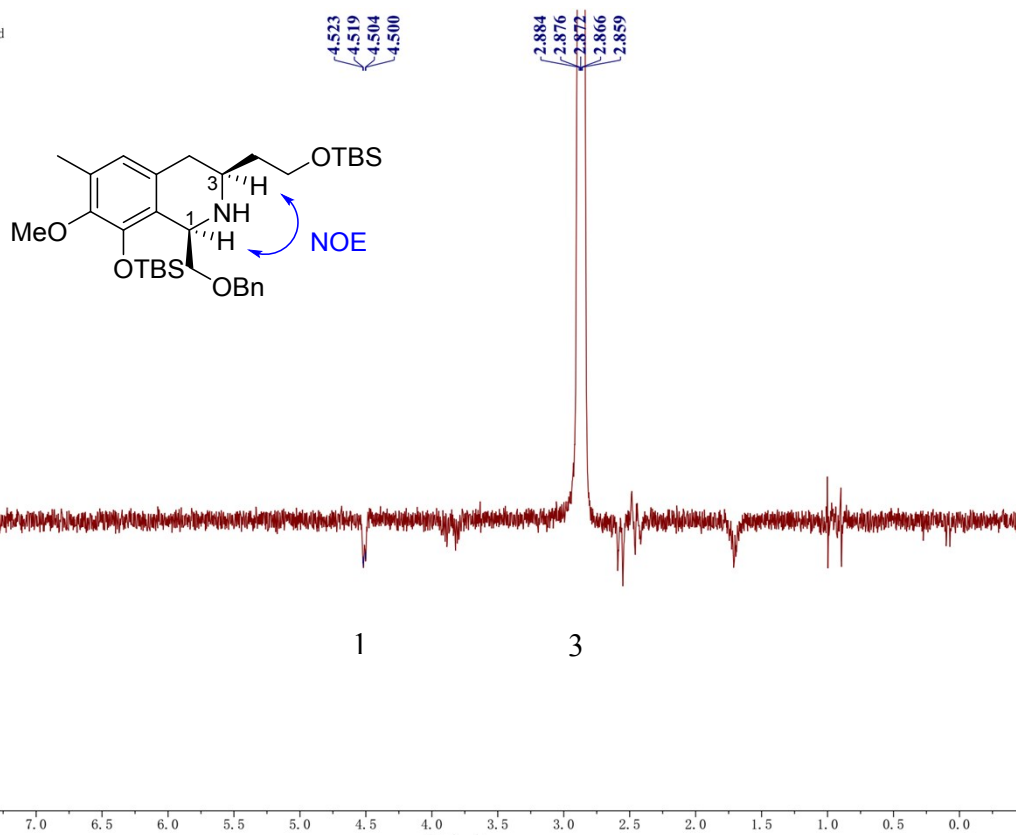


¹³C NMR of compound 13

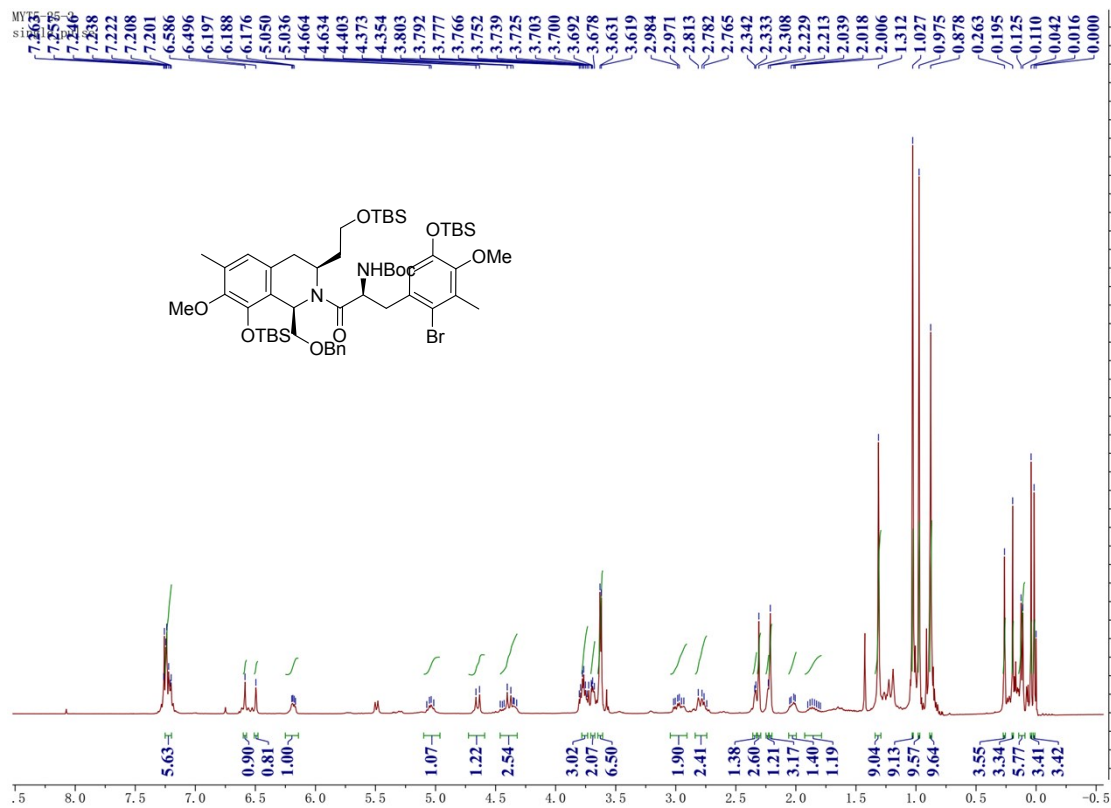


NOESY of compound 13

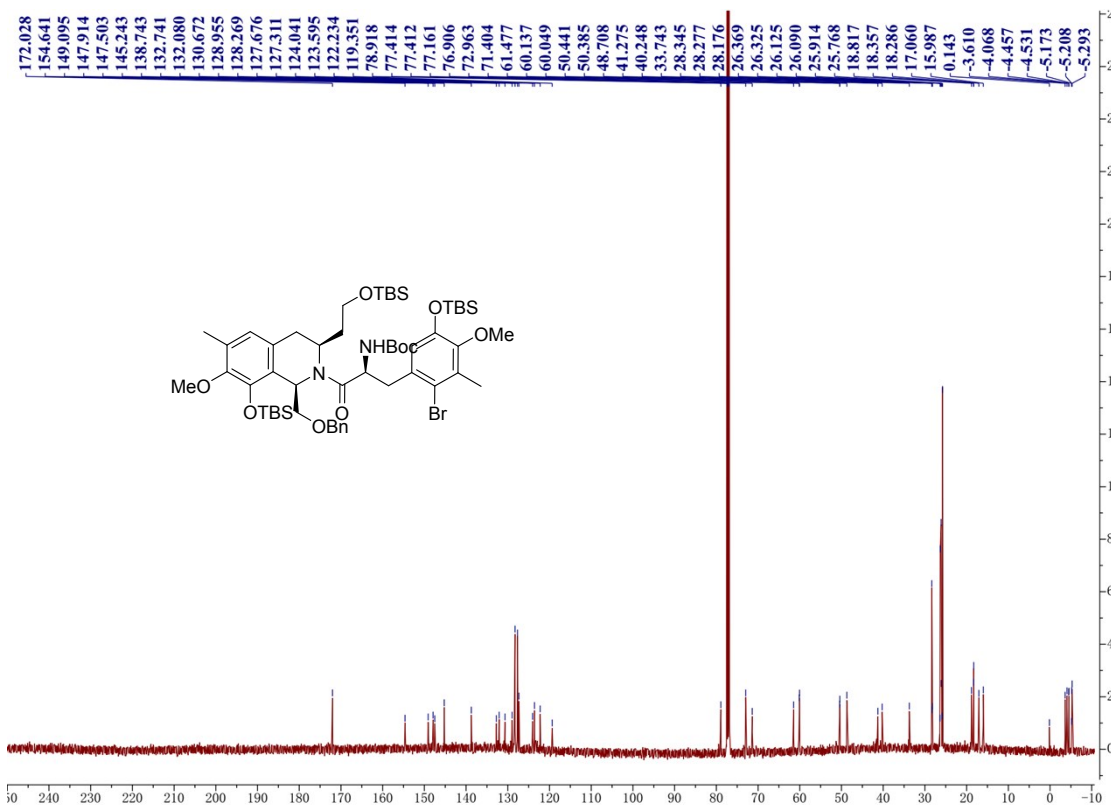
yaowus.6.fid
selective noe 1d
irrate 2.86



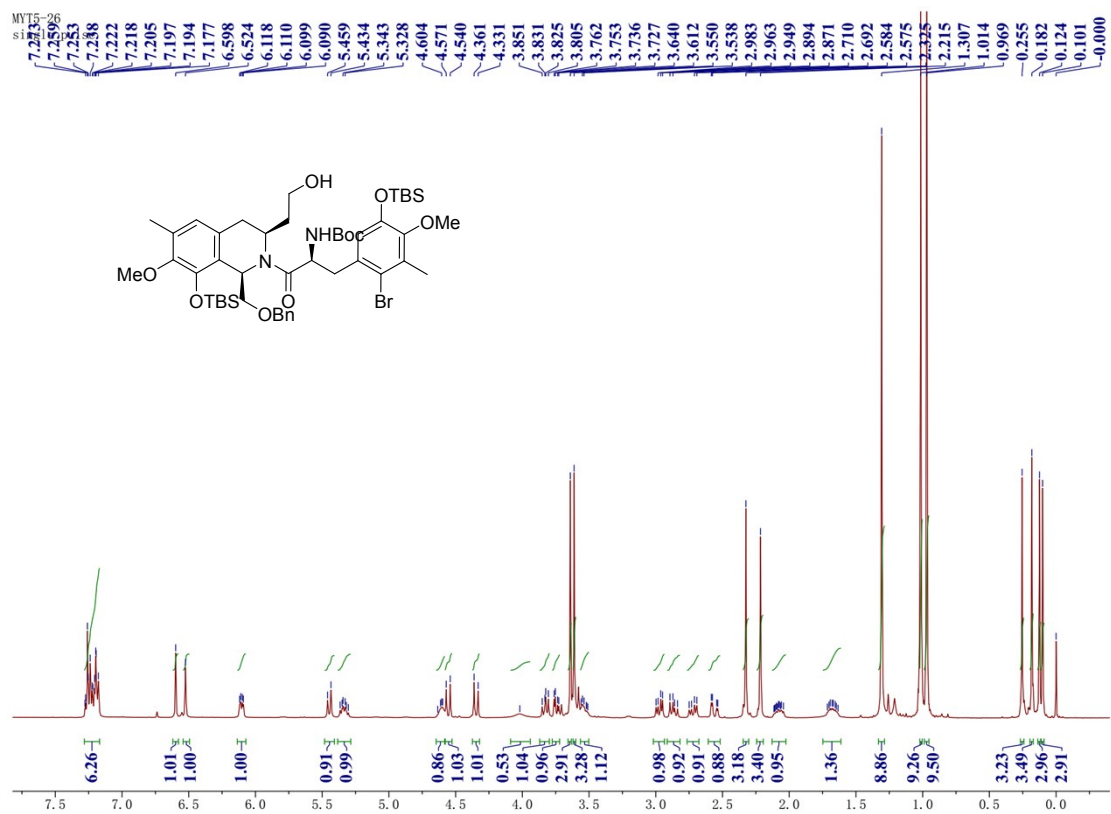
¹H NMR of compound 14



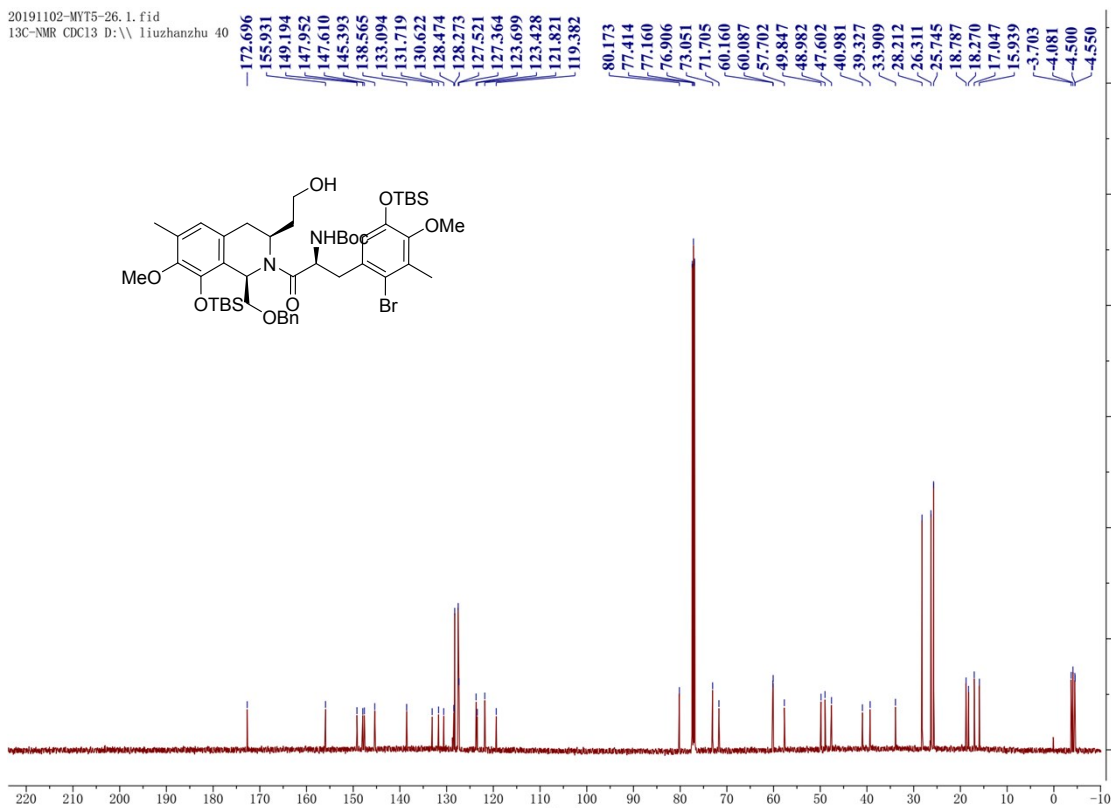
¹³C NMR of compound 14



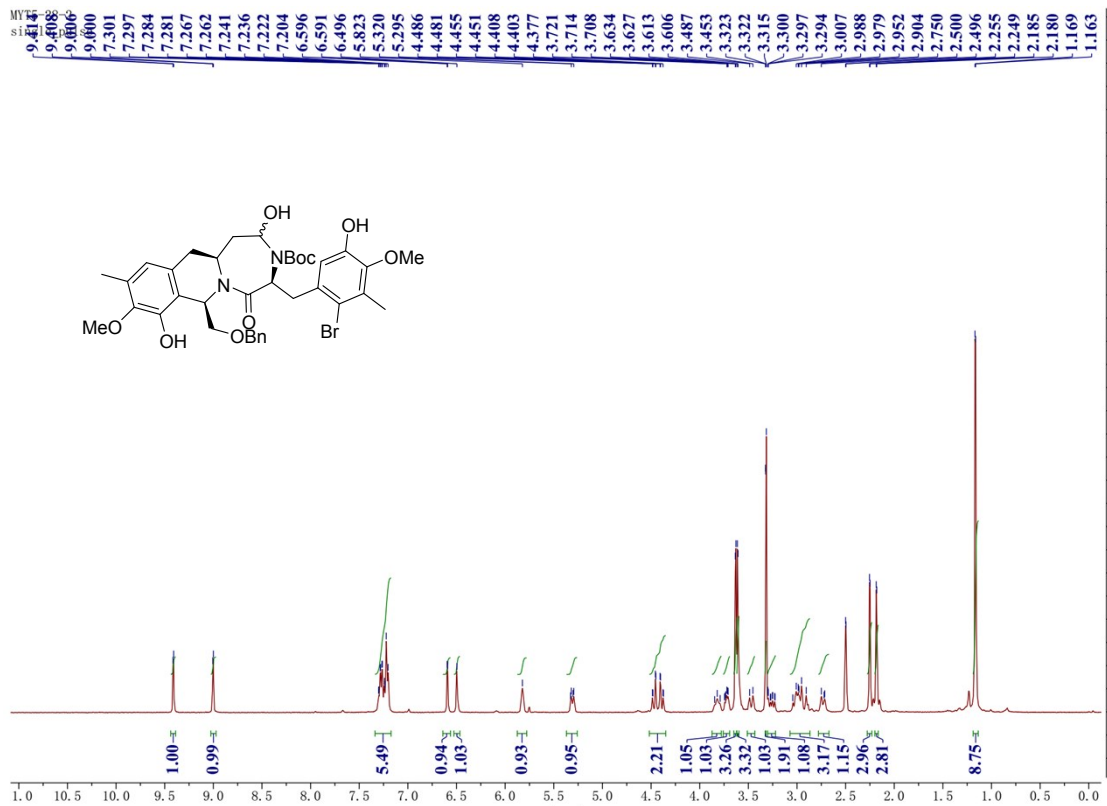
¹H NMR of compound 15



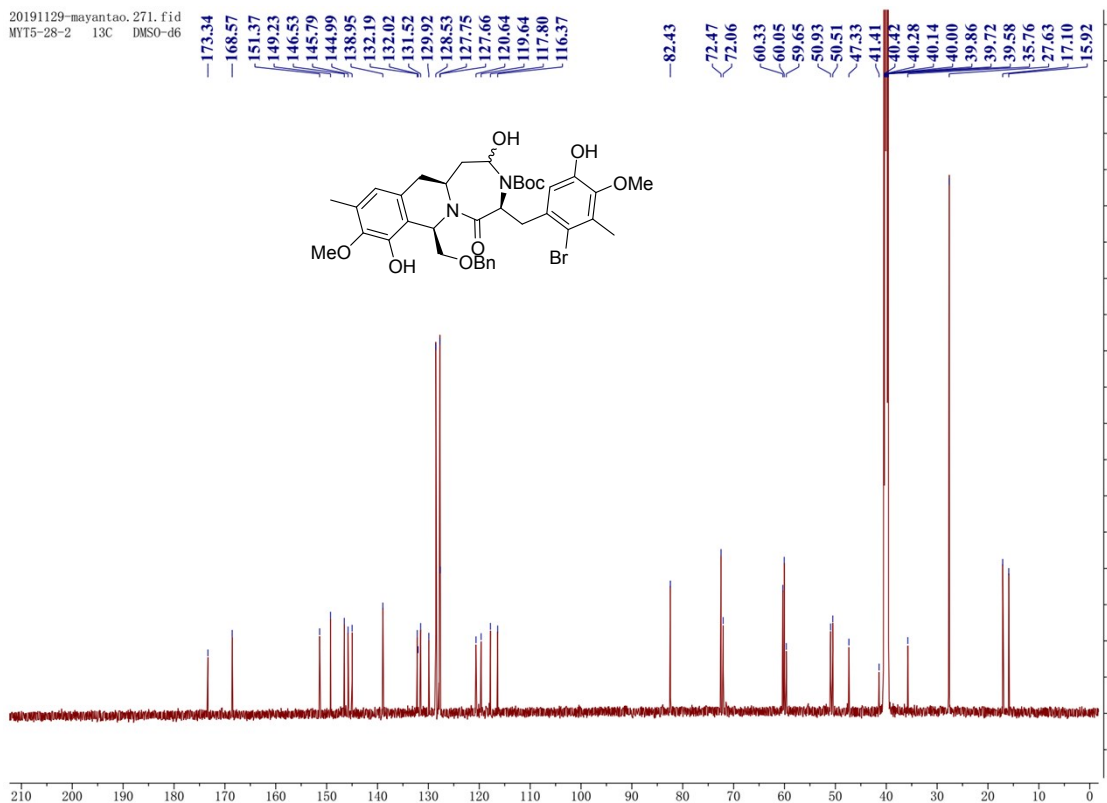
¹³C NMR of compound 15



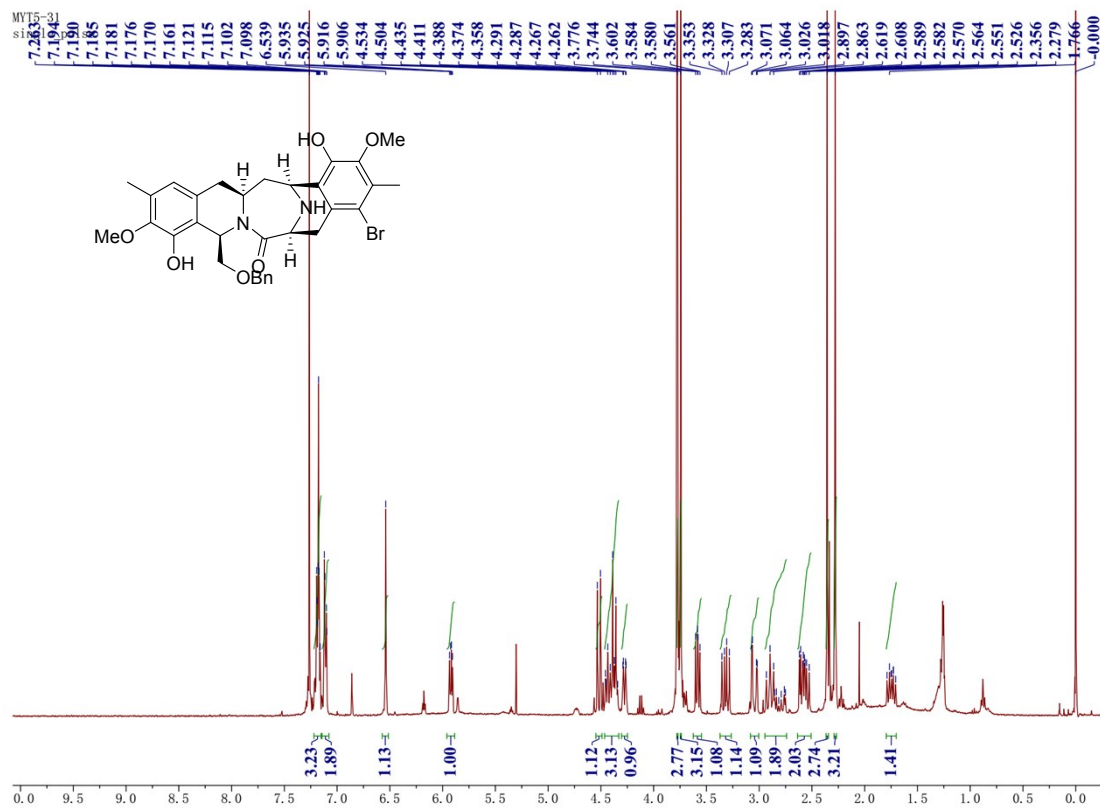
¹H NMR of compound 17



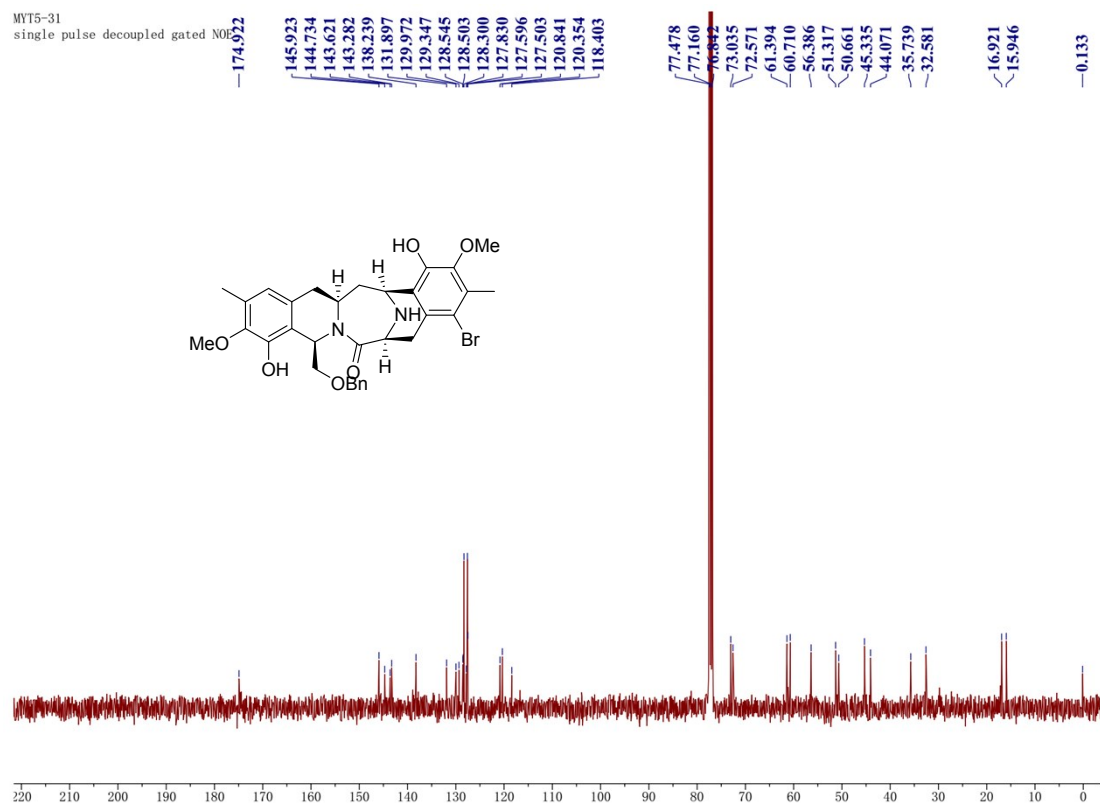
¹³C NMR of compound 17



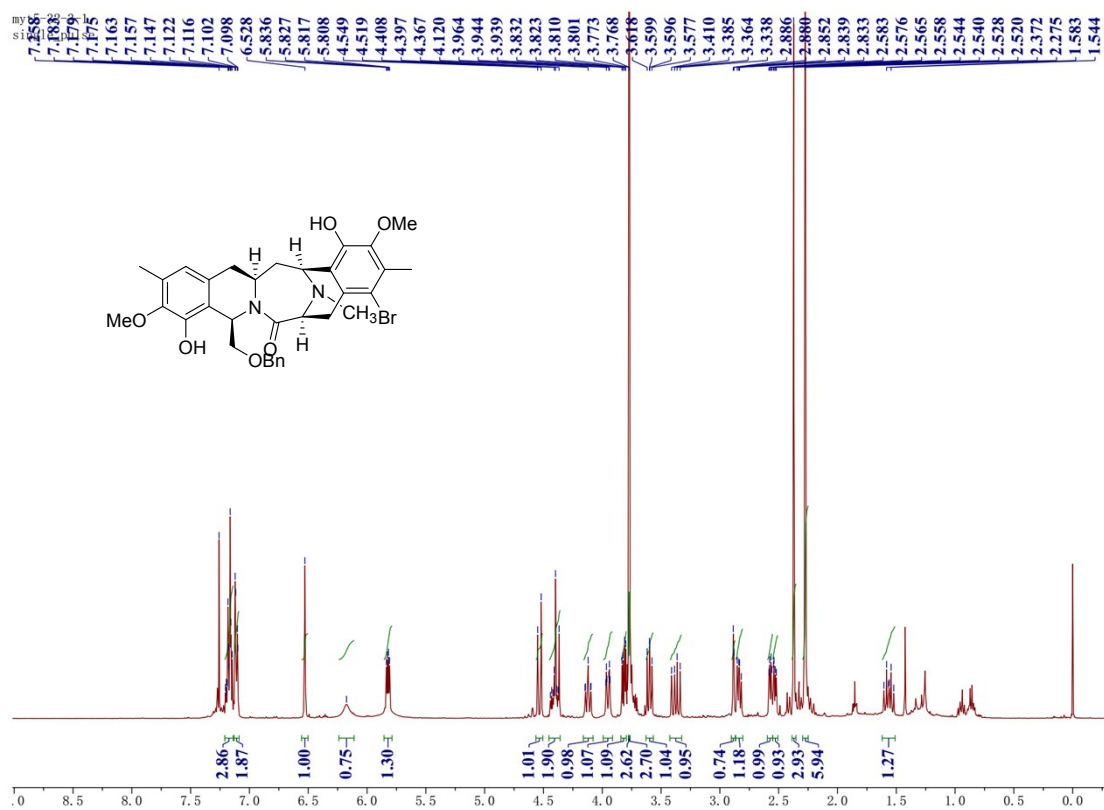
¹H NMR of compound 18



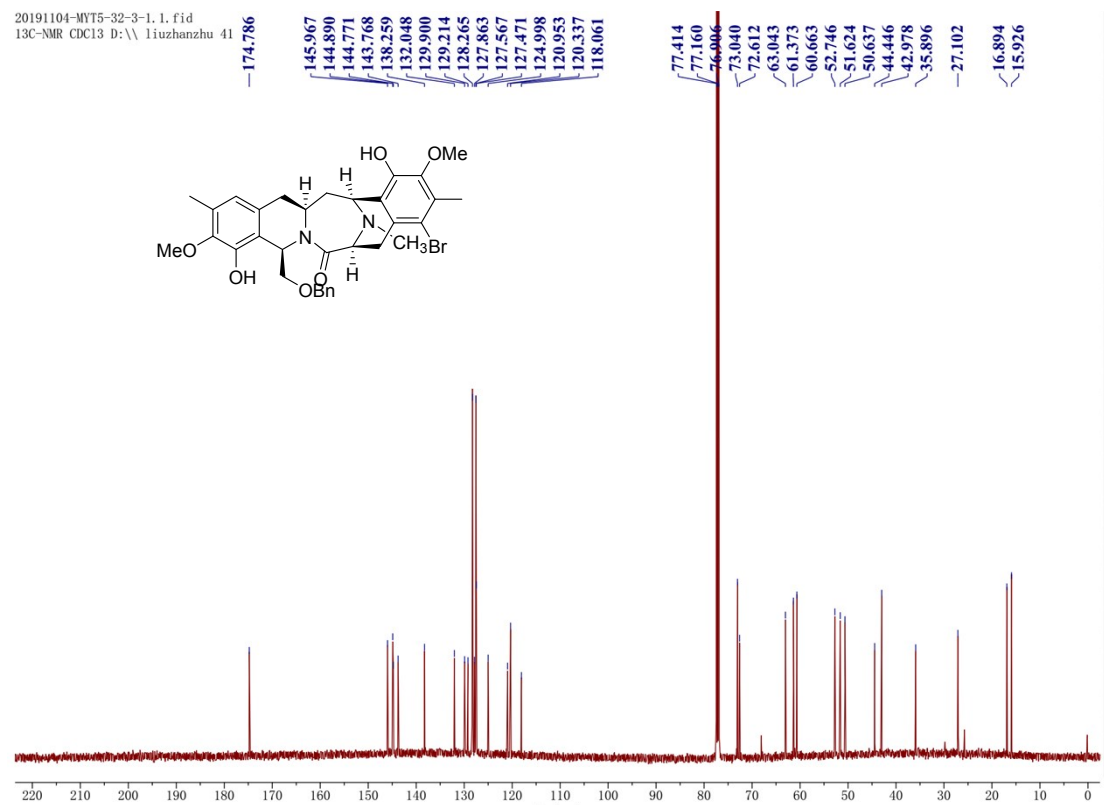
¹³C NMR of compound 18



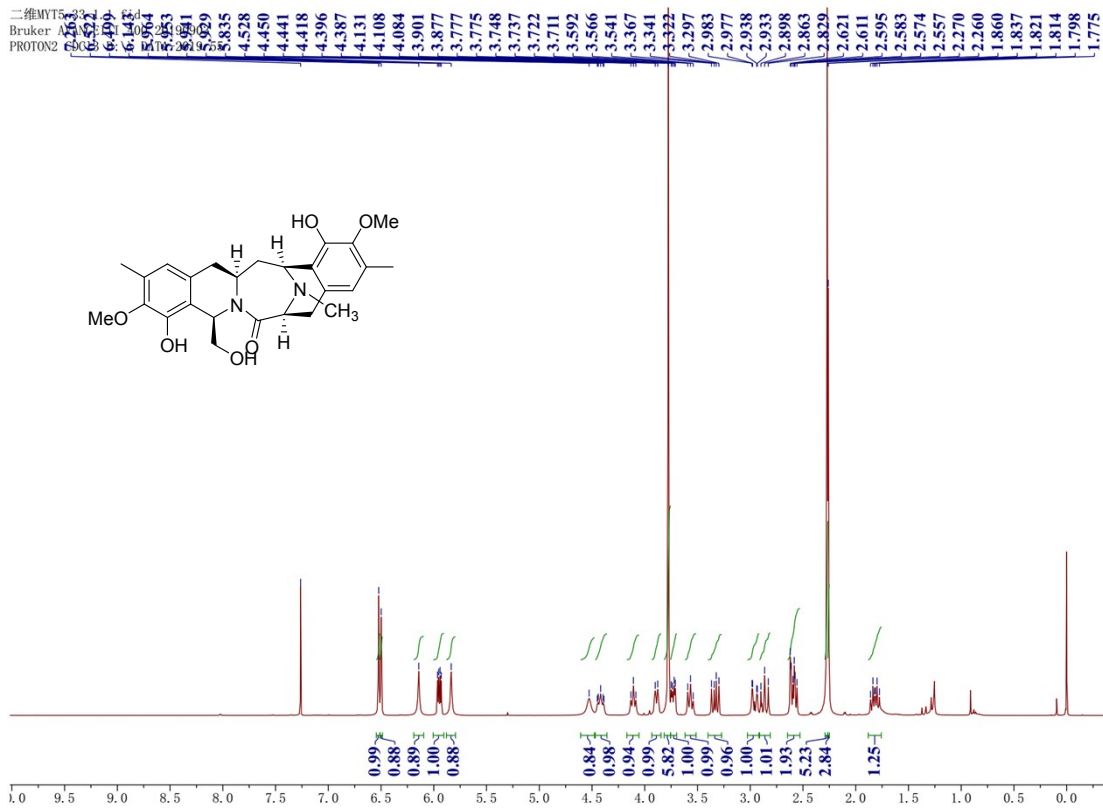
¹H NMR of compound 19



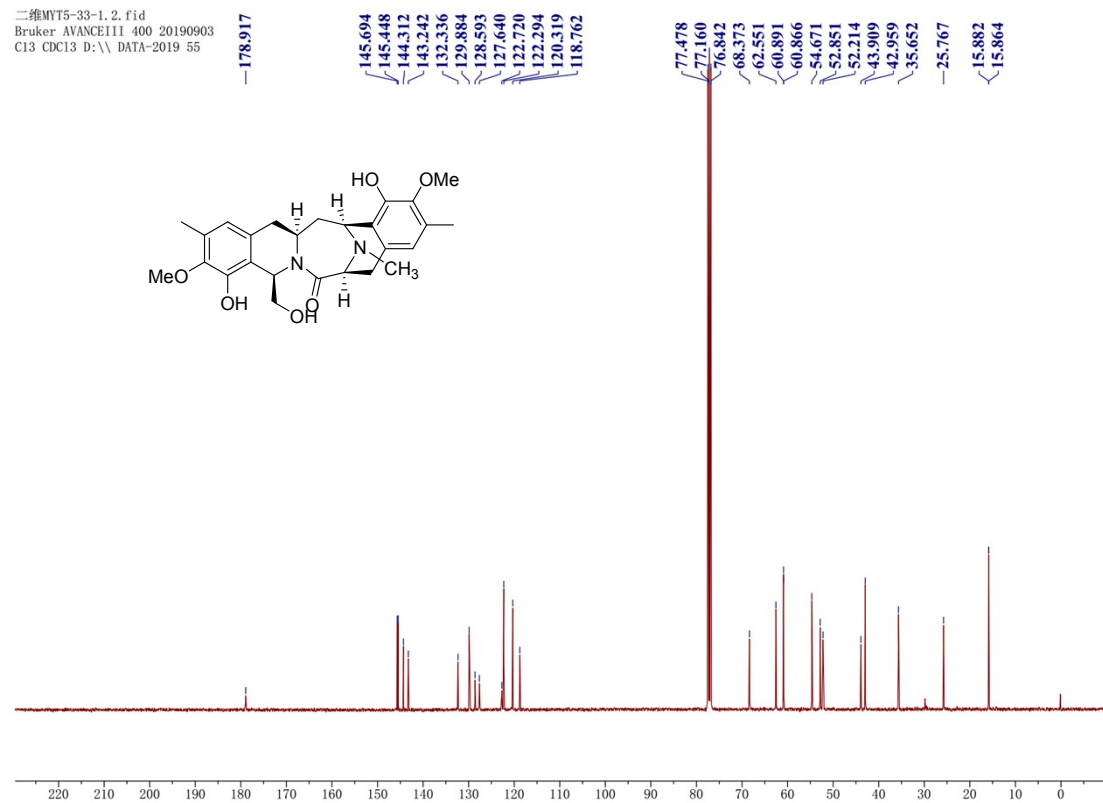
¹³C NMR of compound 19



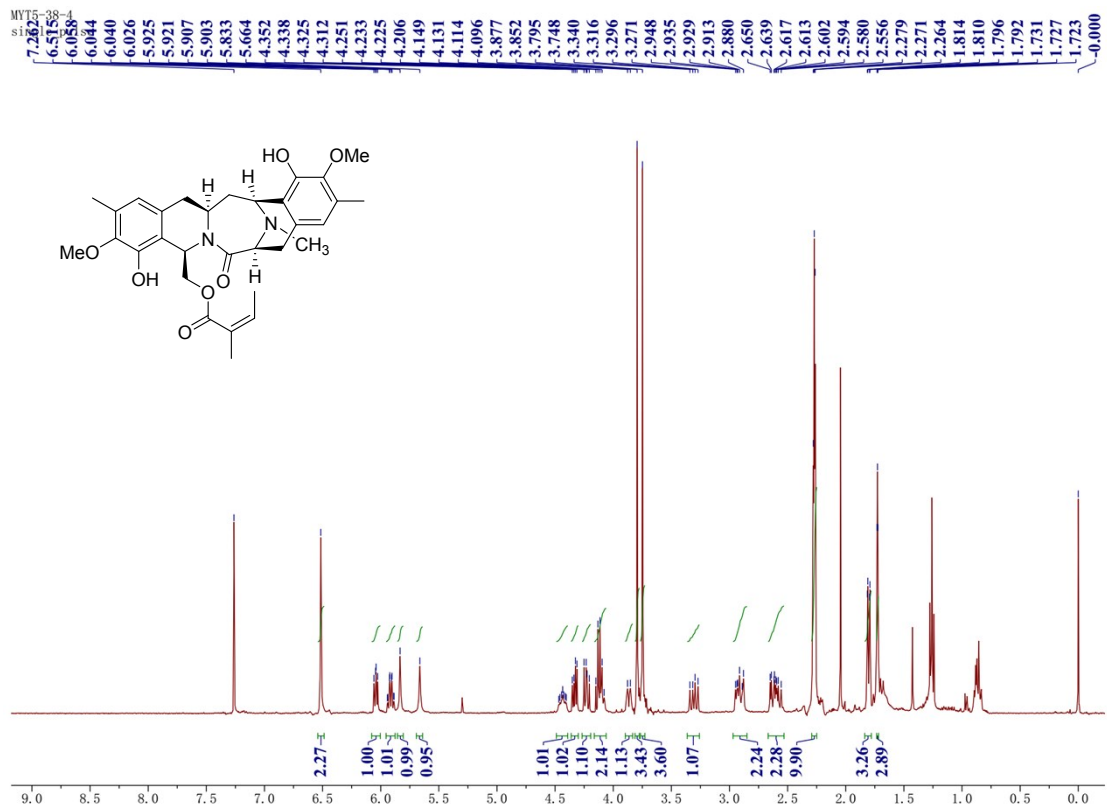
¹H NMR of compound 20



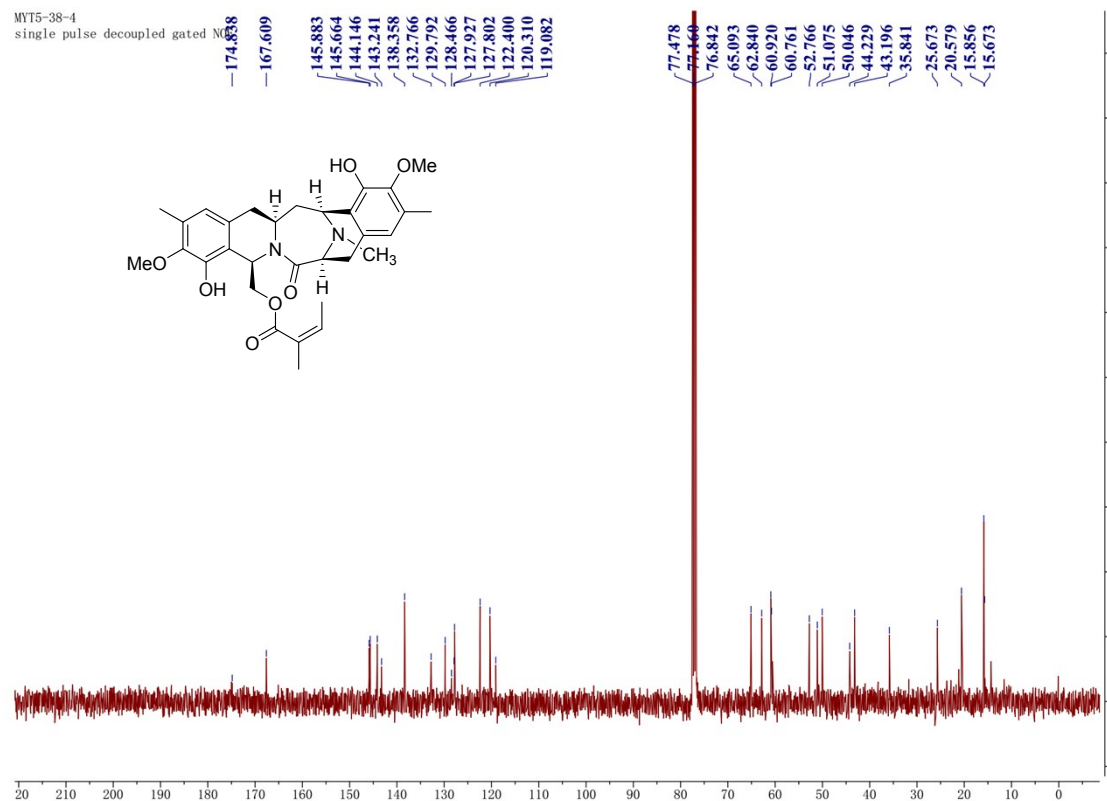
¹³C NMR of compound 20



¹H NMR of compound 21

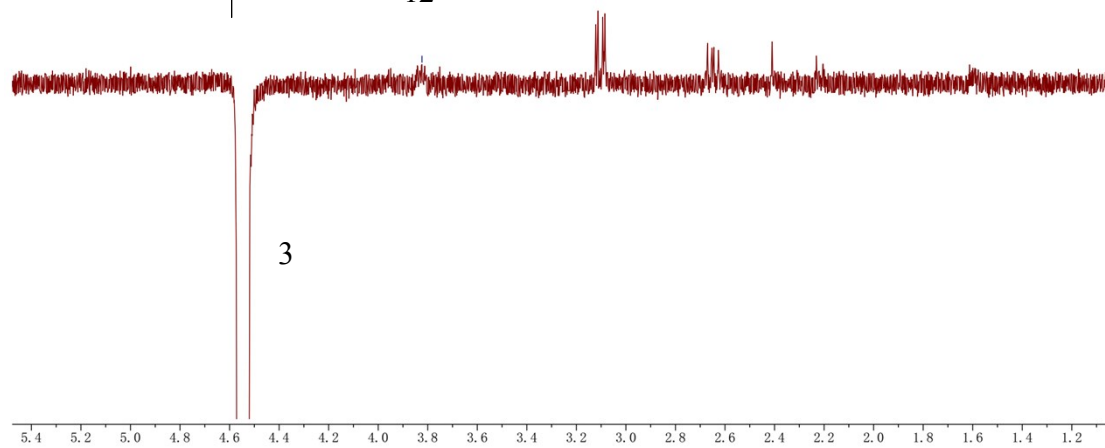
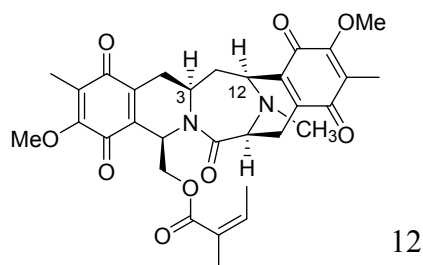


¹³C NMR of compound 21

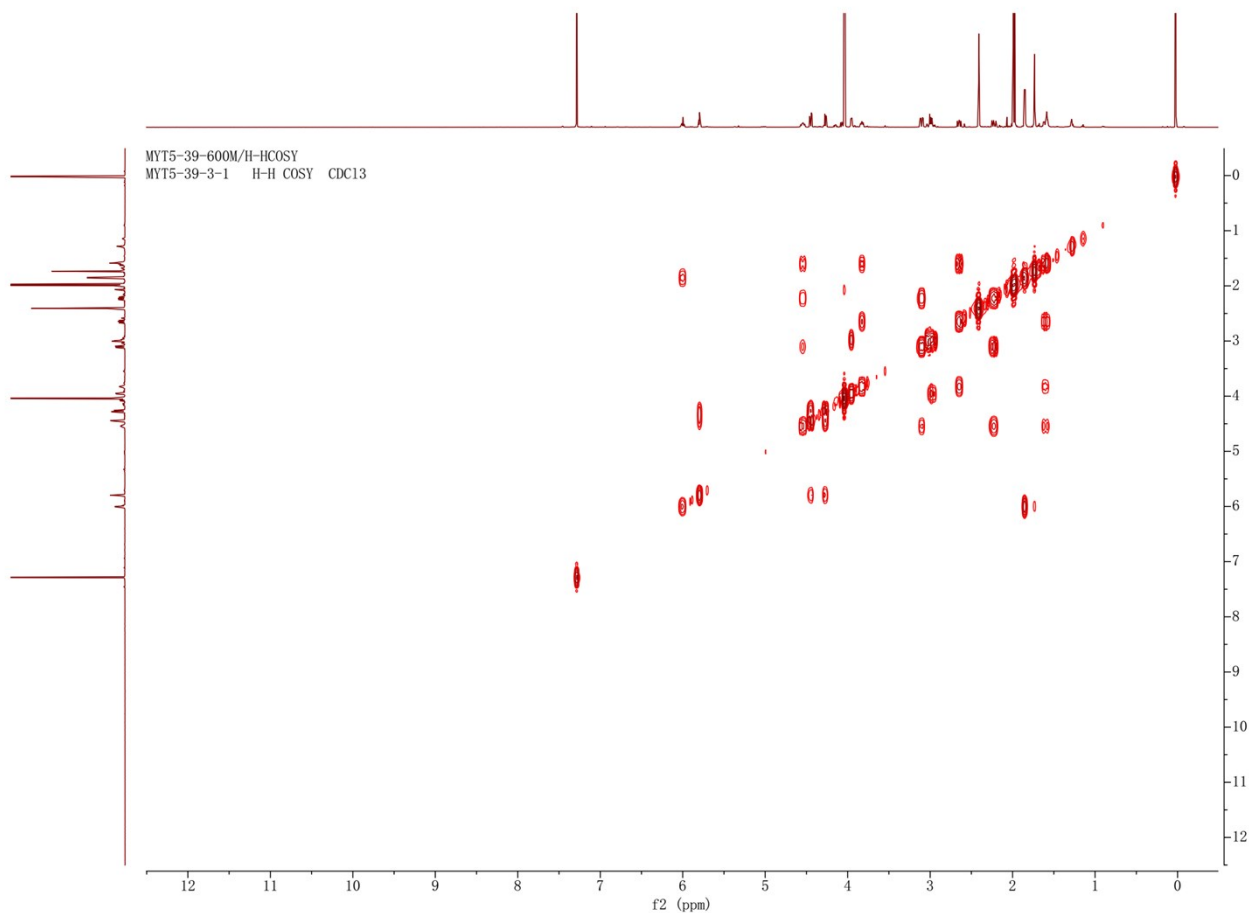


NOESY of compound 21

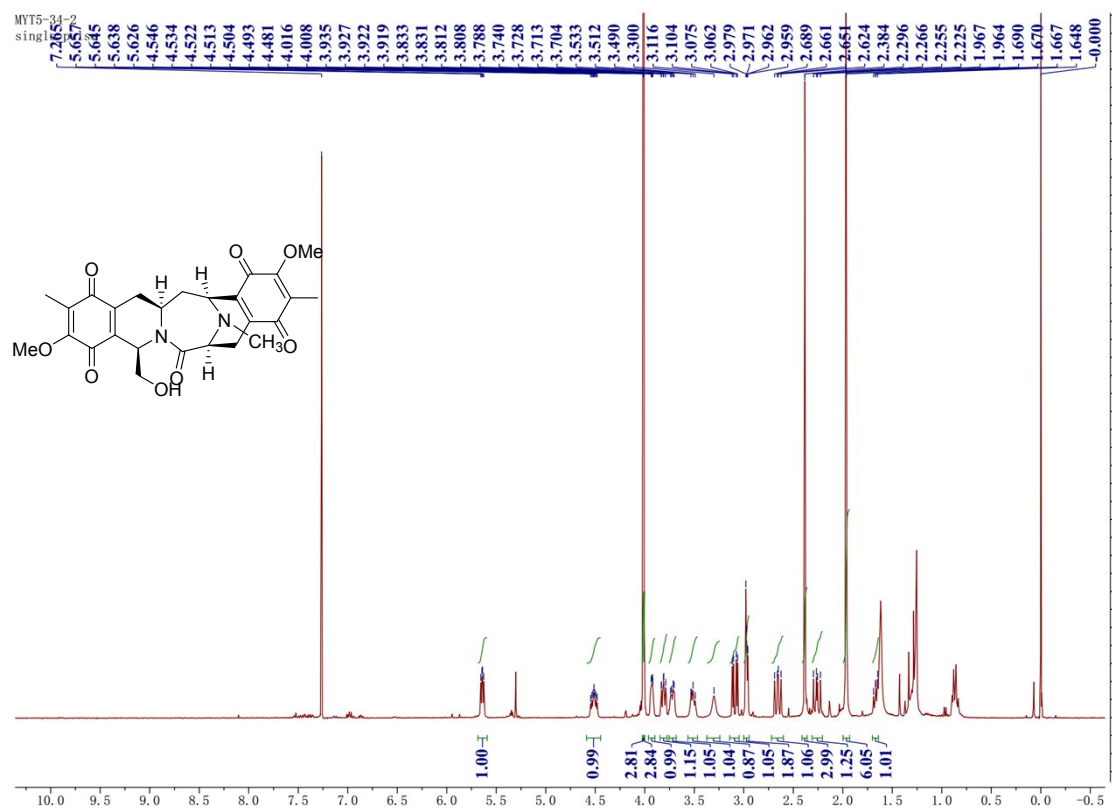
MYT5-39-600M/1DNOE-4.55PPM
MYT5-39-3-1 1-D Selective gradient NOESY experiment 4.55 ppm CDC13



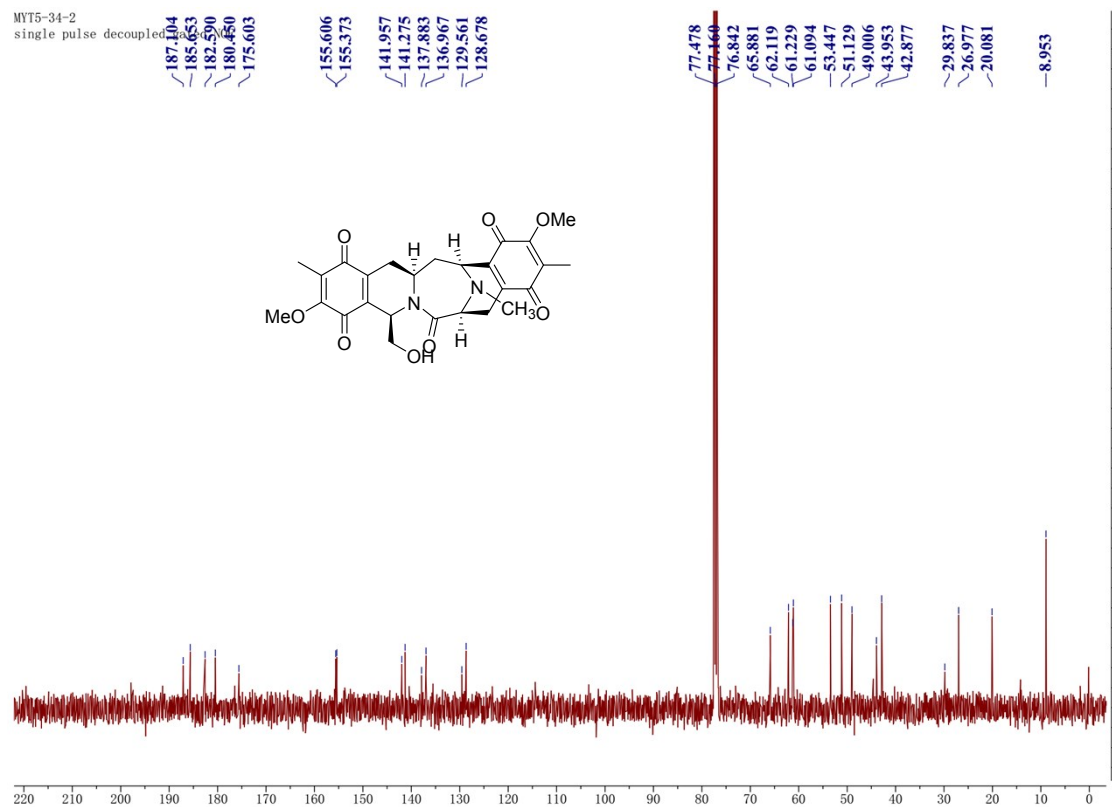
¹H,¹H-COSY of compound 21



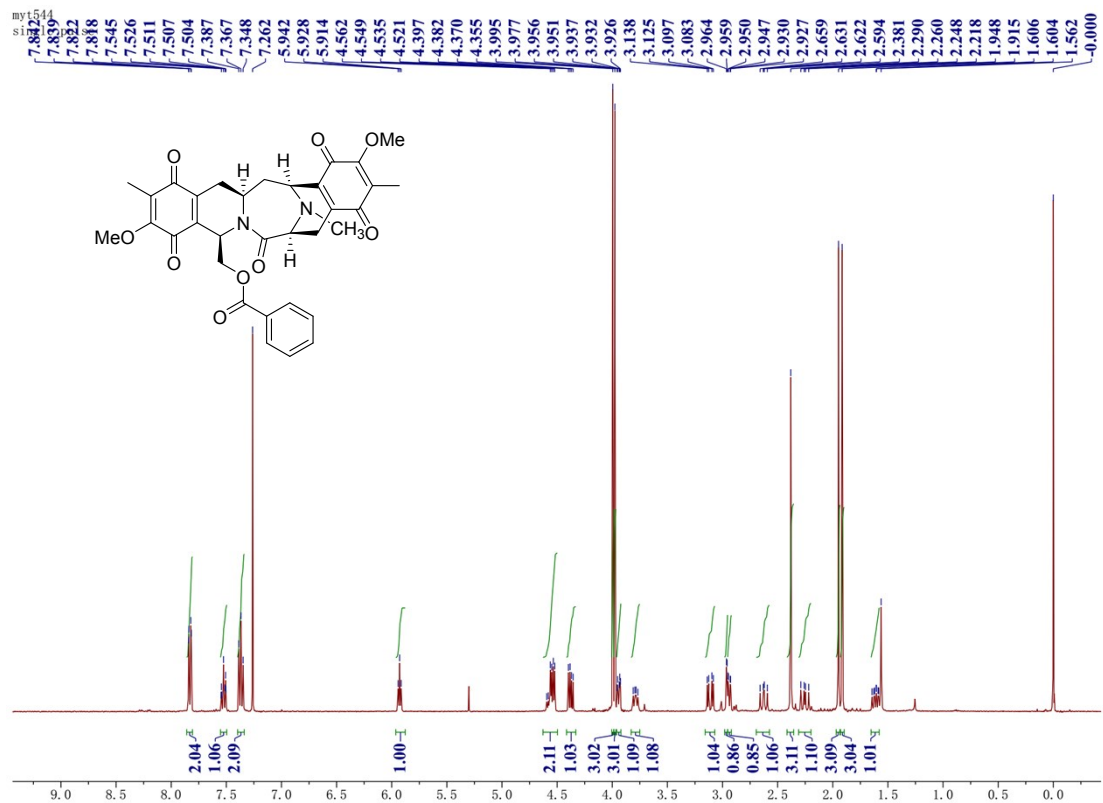
¹H NMR of compound **22**



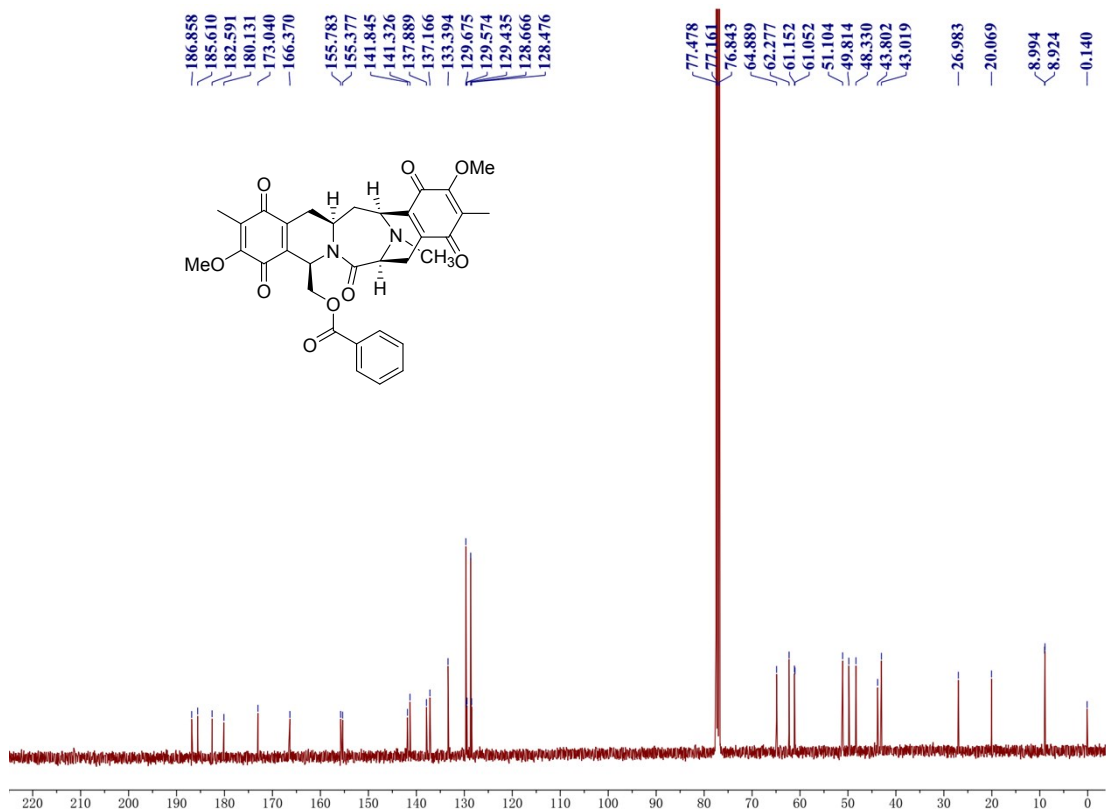
¹³C NMR of compound **22**



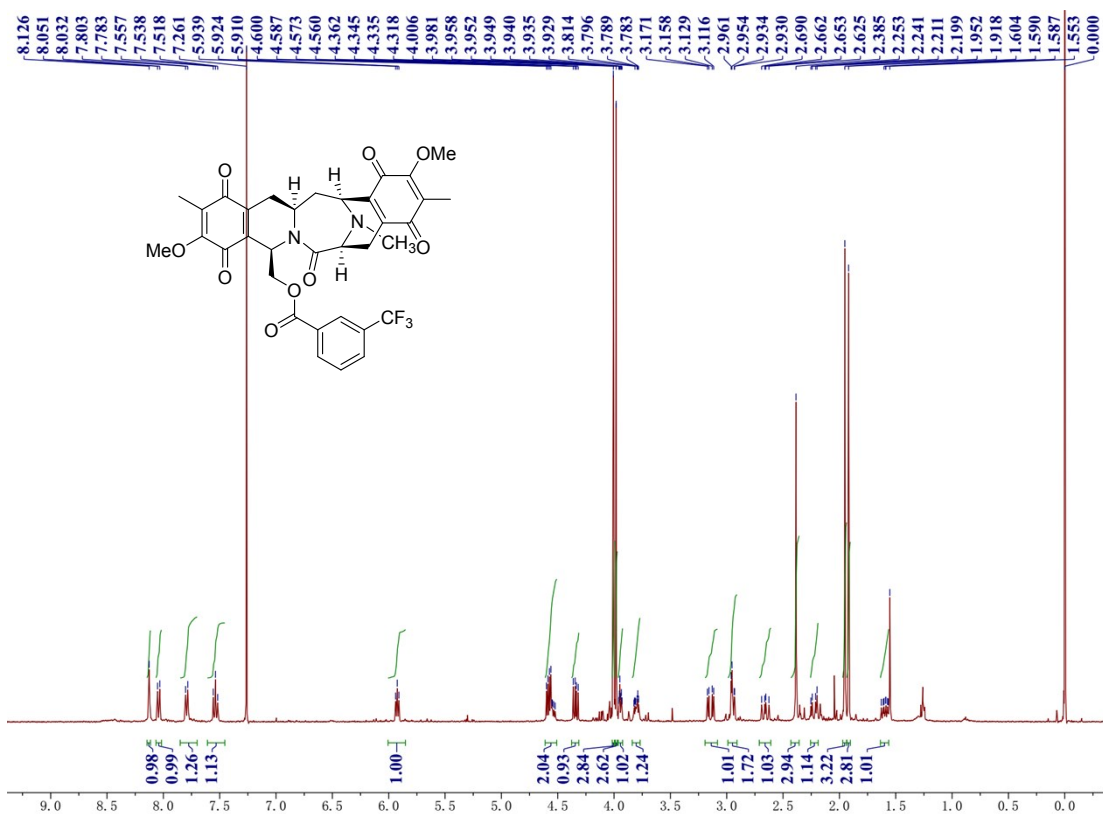
¹H NMR of compound 23



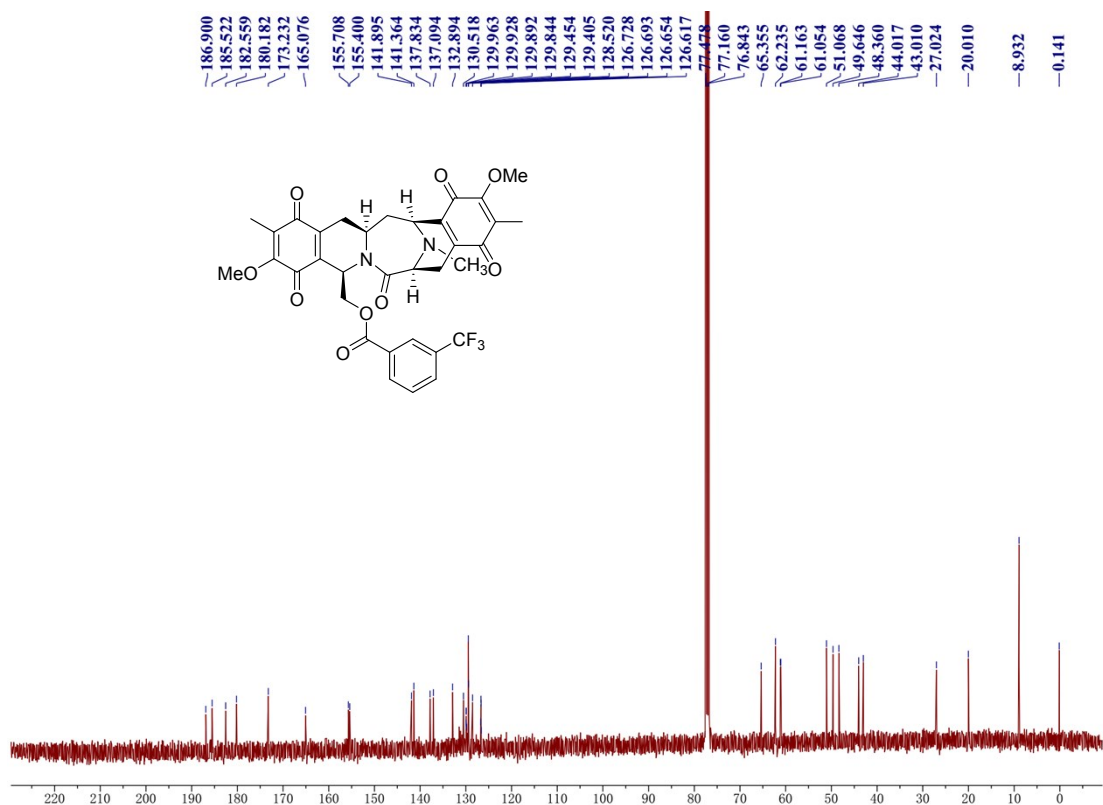
¹³C NMR of compound 23



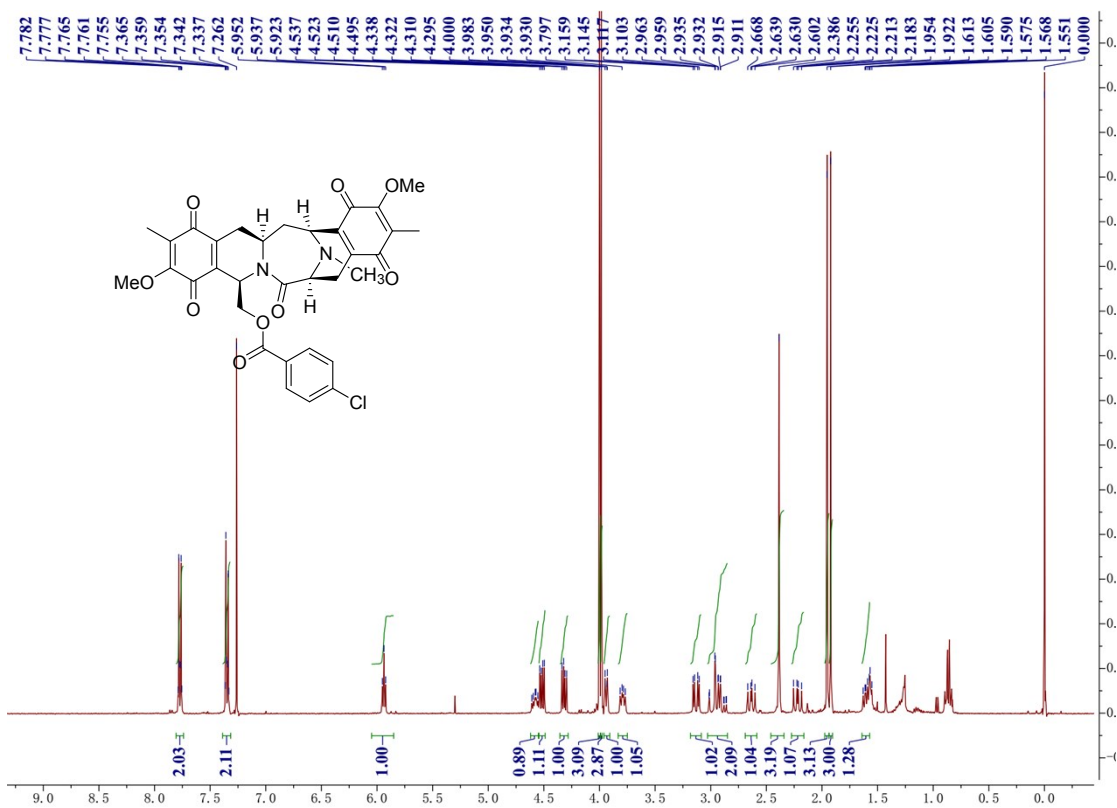
¹H NMR of compound 24



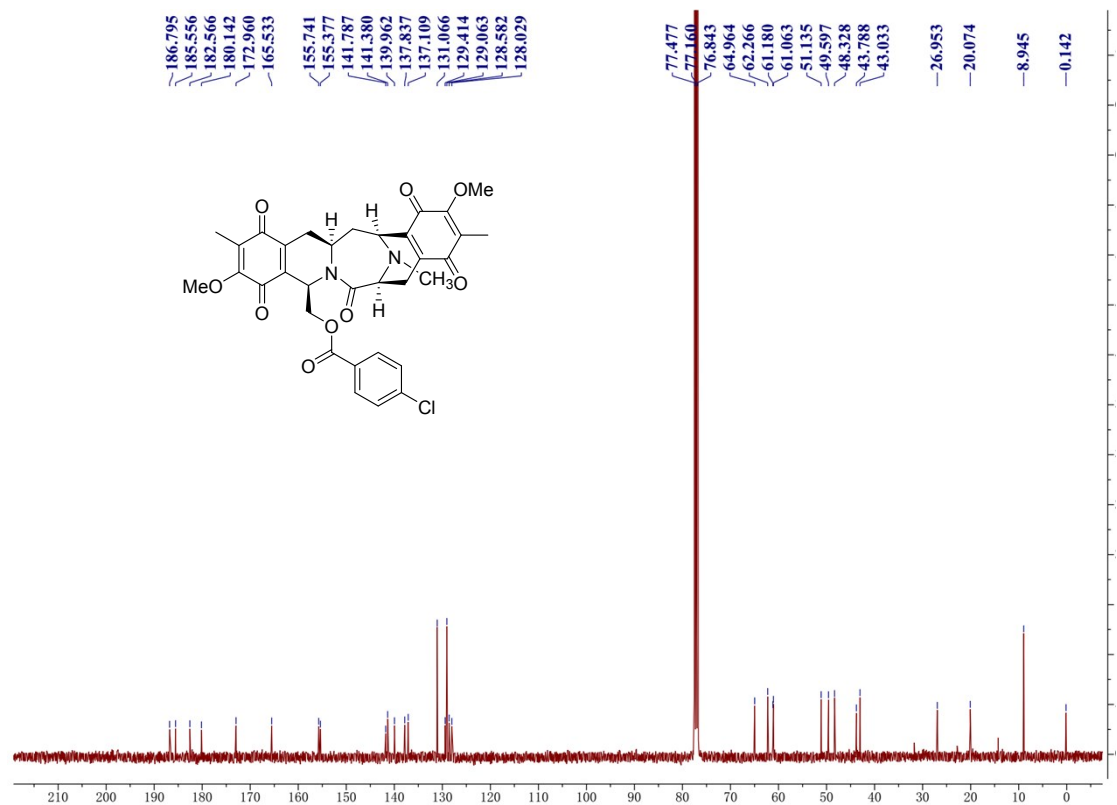
¹³C NMR of compound 24



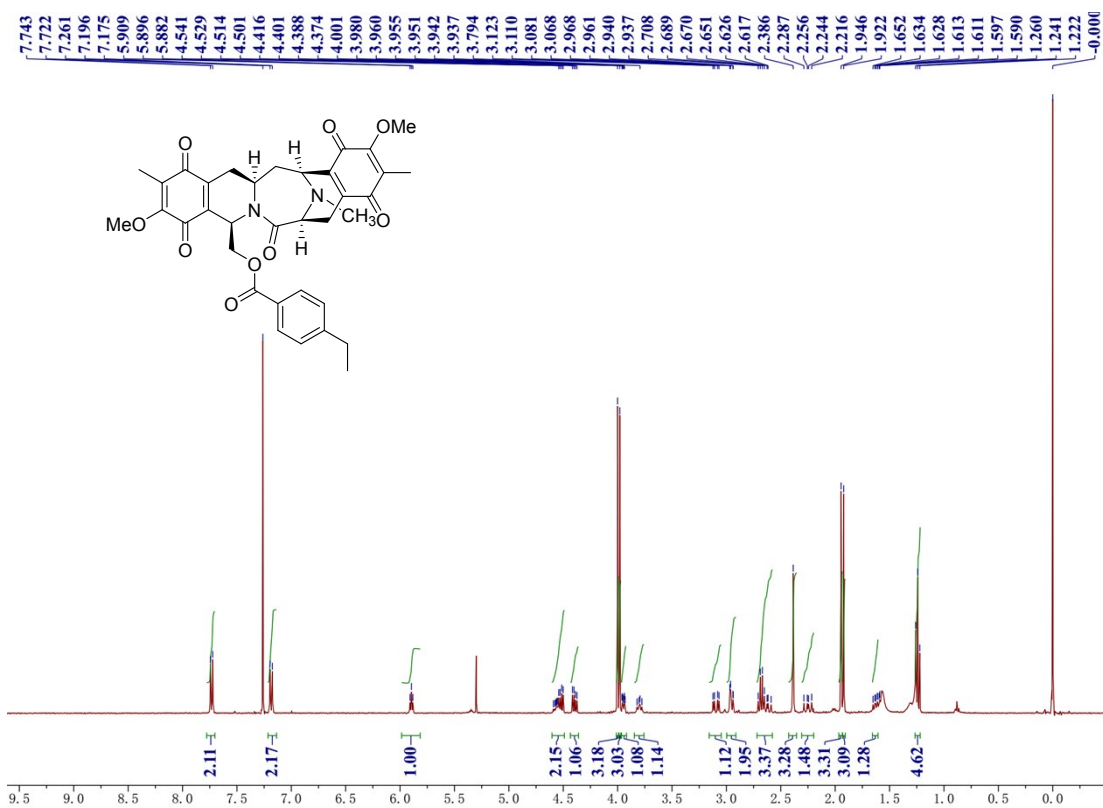
¹H NMR of compound 25



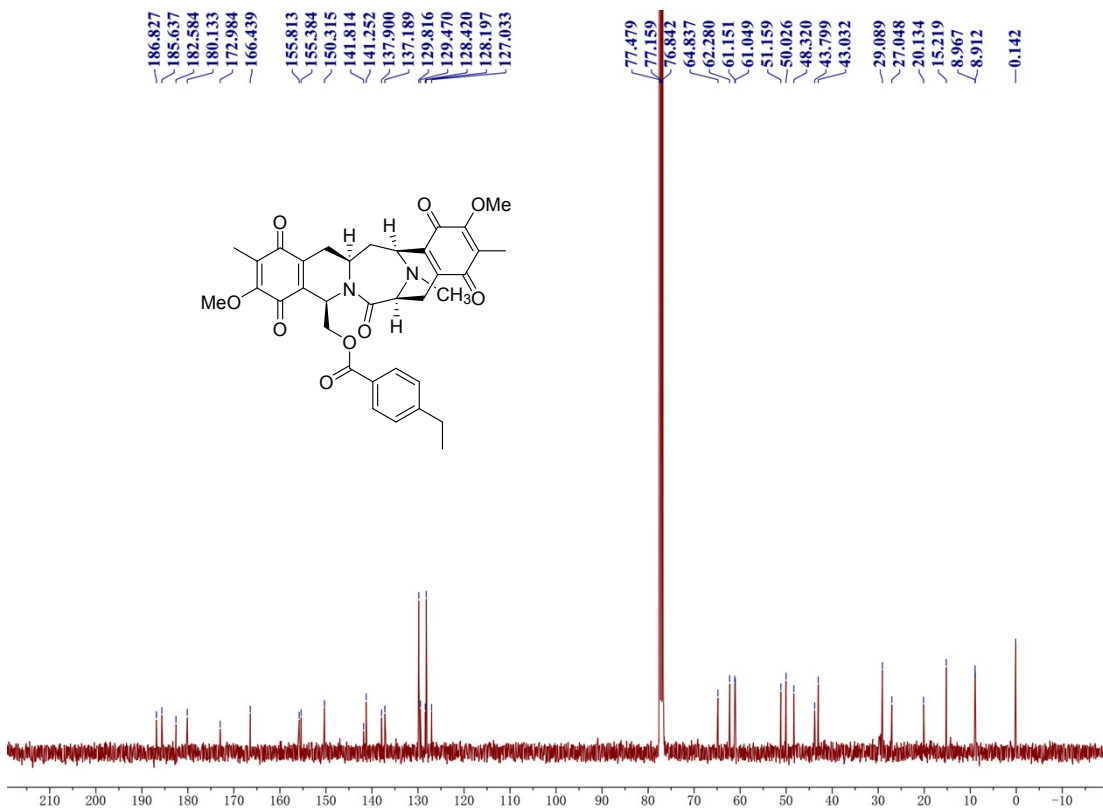
¹³C NMR of compound 25



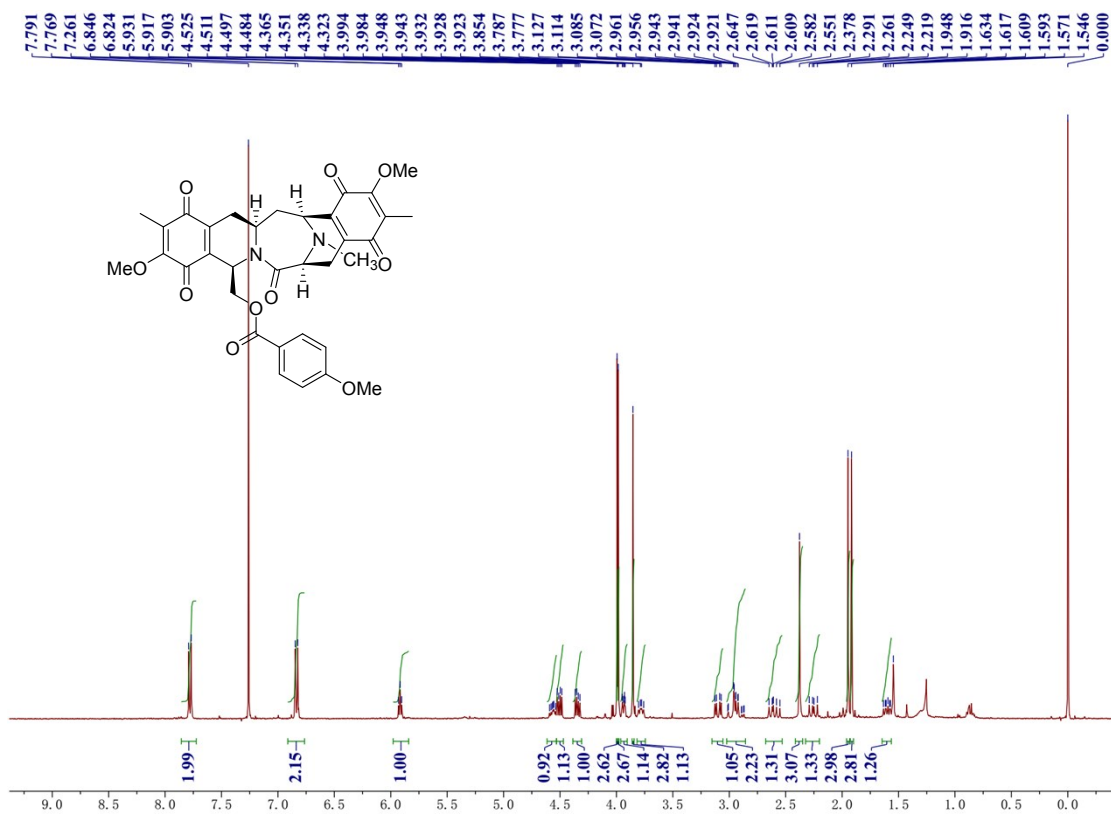
¹H NMR of compound 26



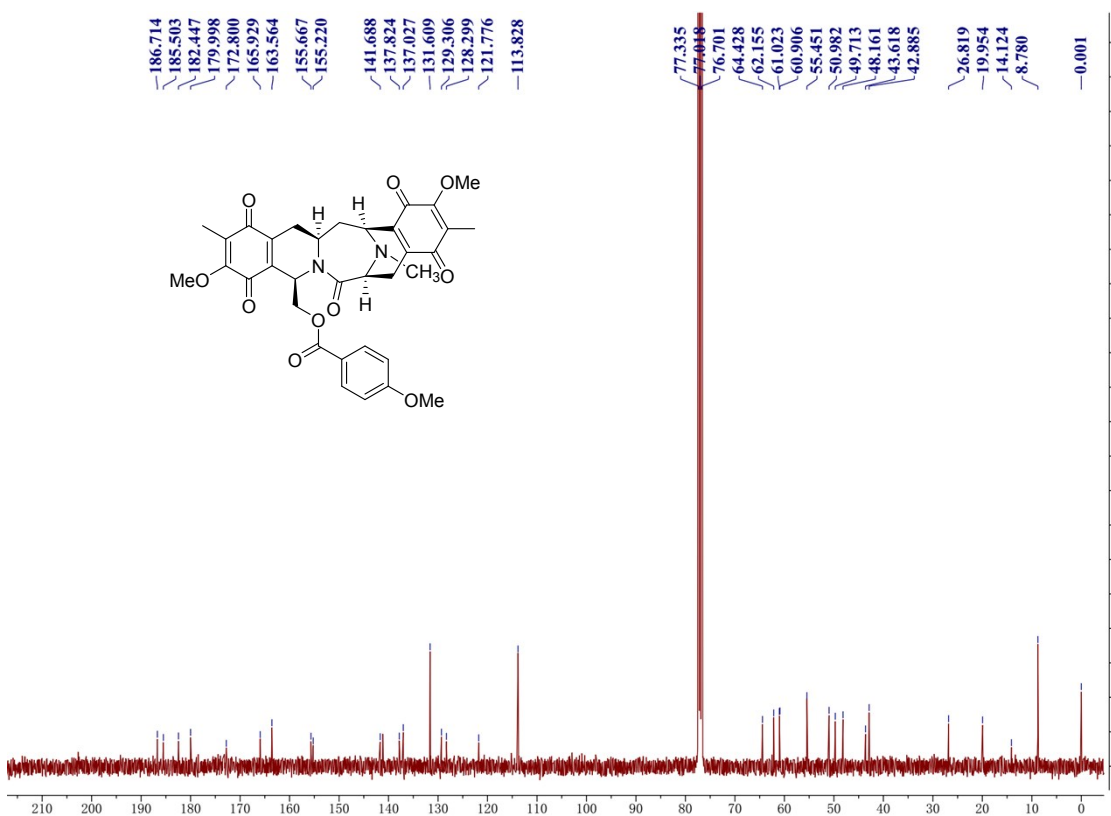
¹³C NMR of compound 26



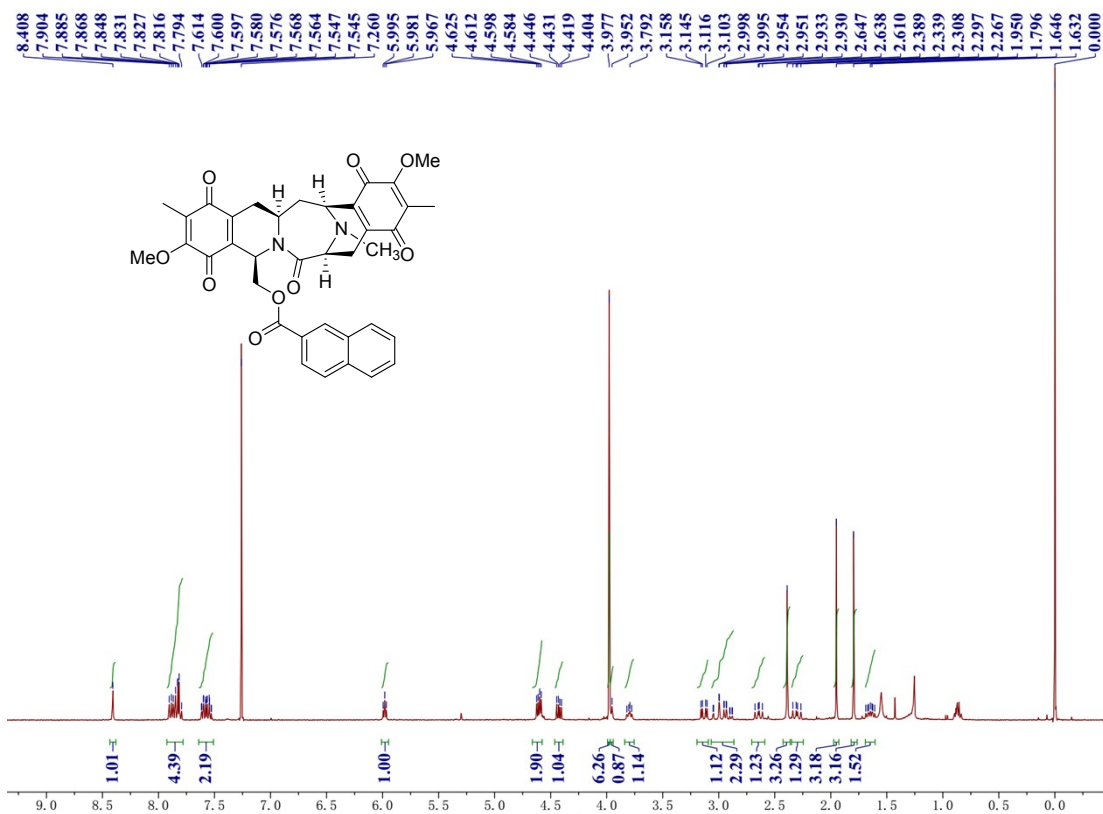
¹H NMR of compound 27



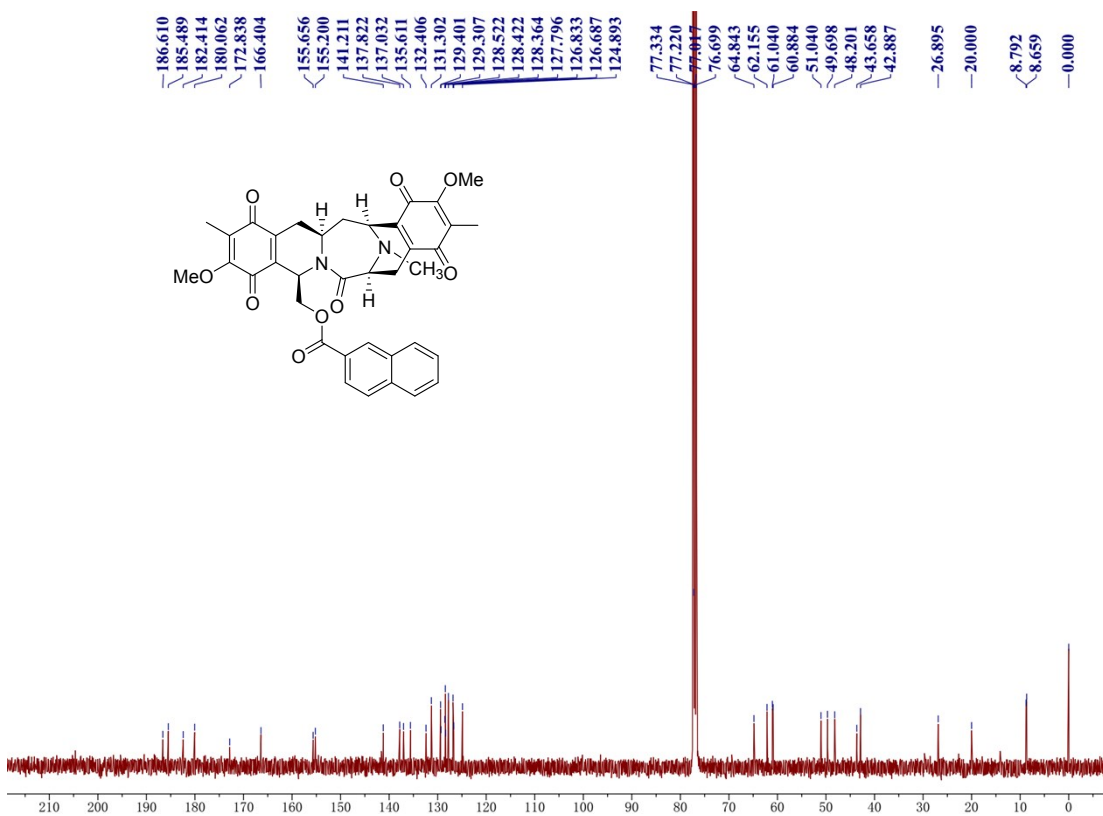
¹³C NMR of compound 27



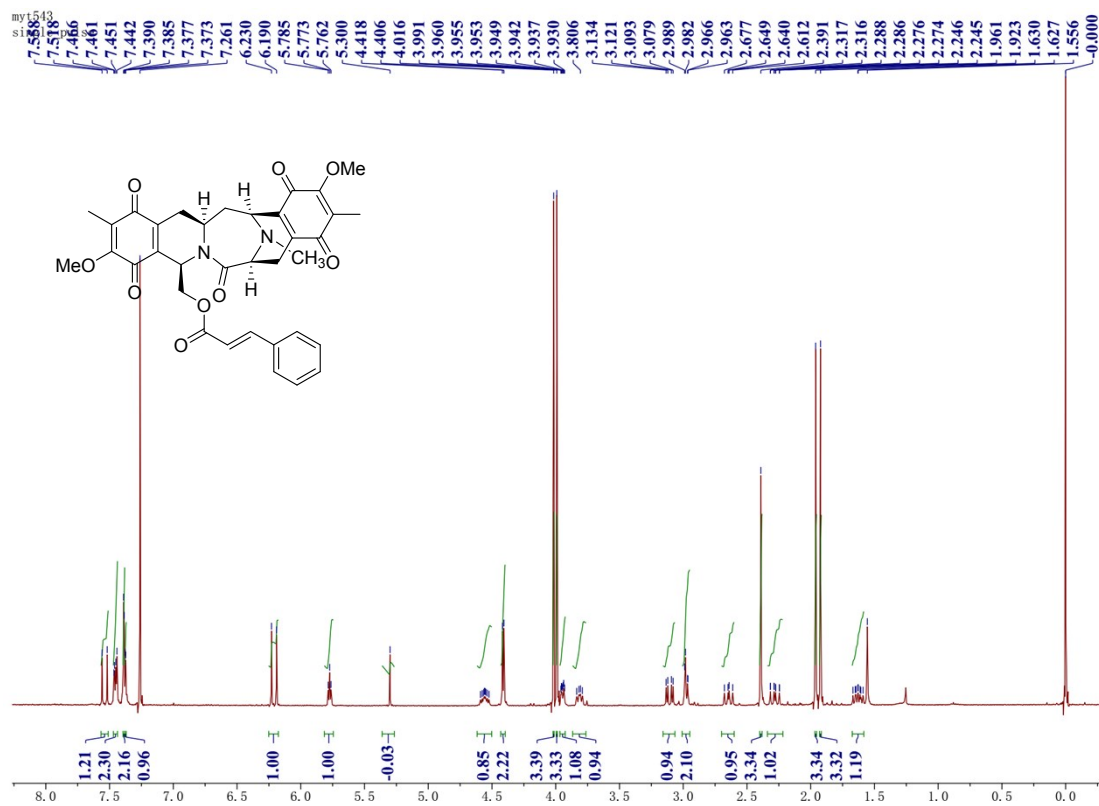
¹H NMR of compound 28



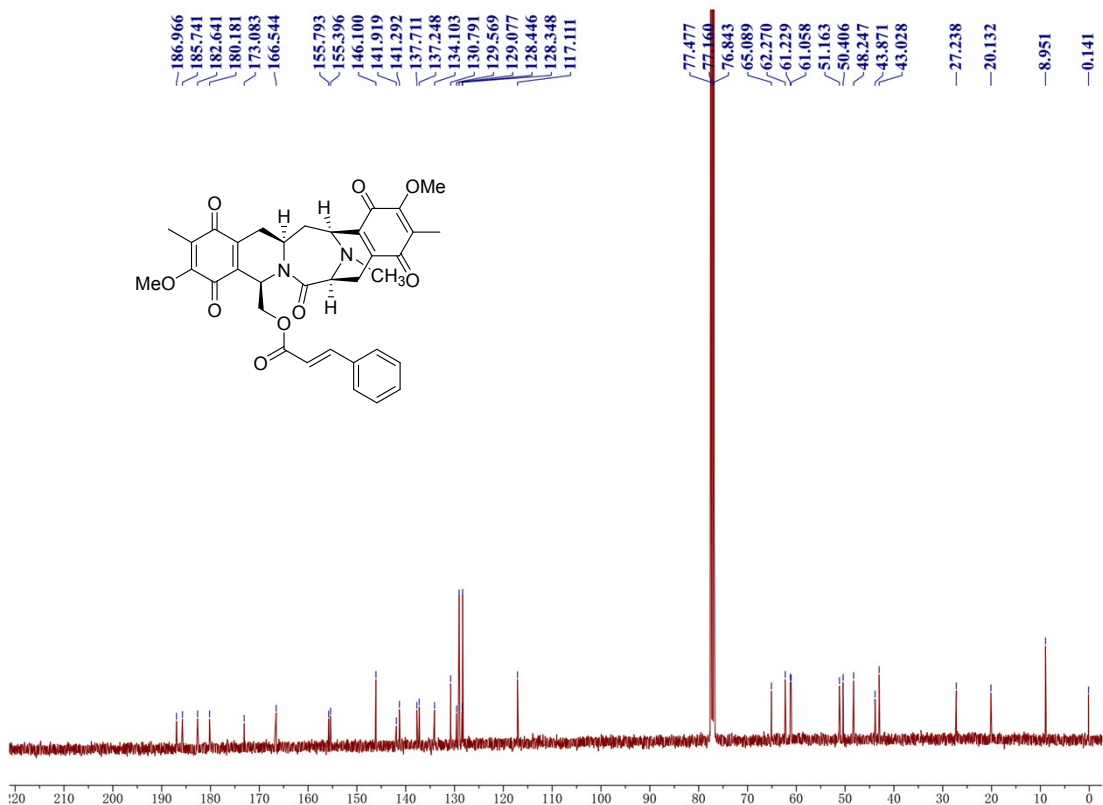
¹³C NMR of compound 28



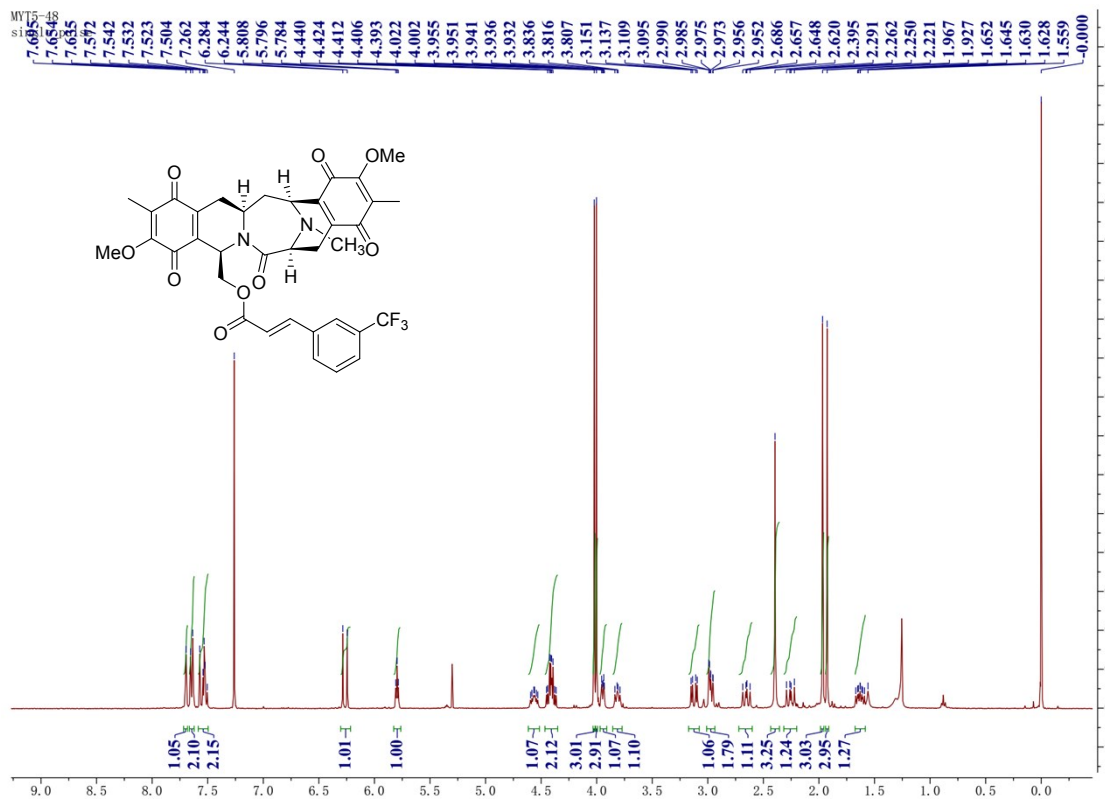
¹H NMR of compound 29



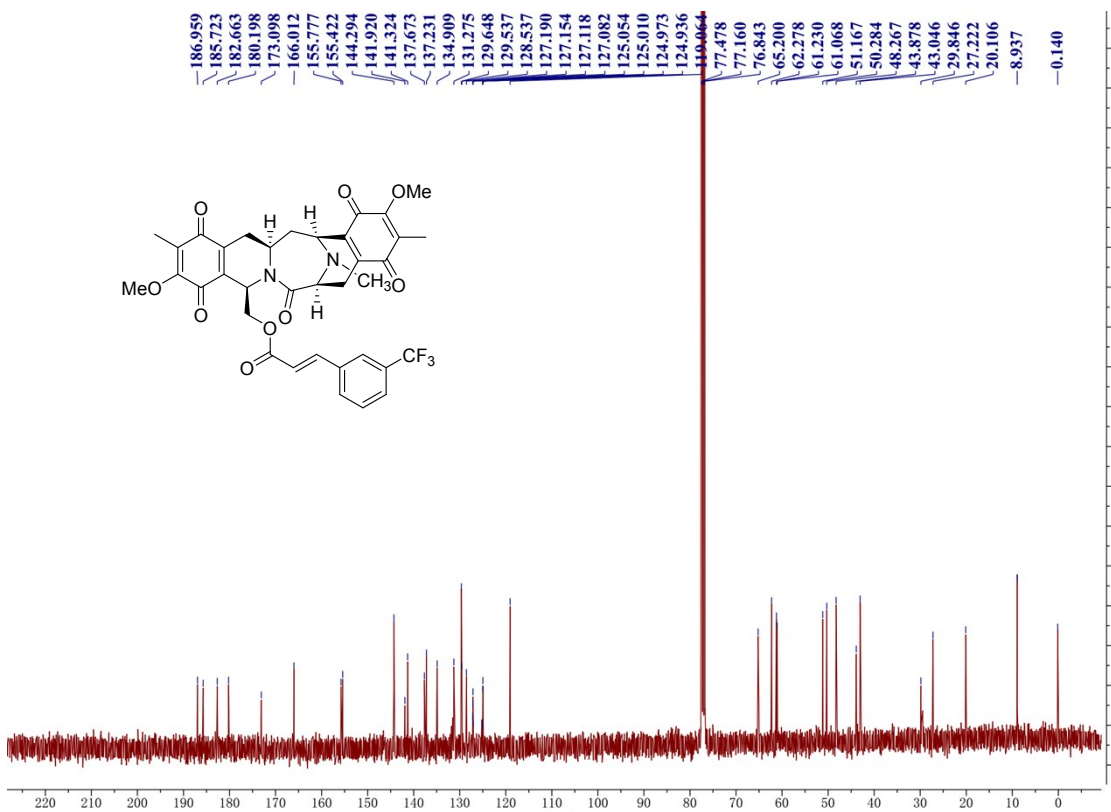
¹³C NMR of compound 29



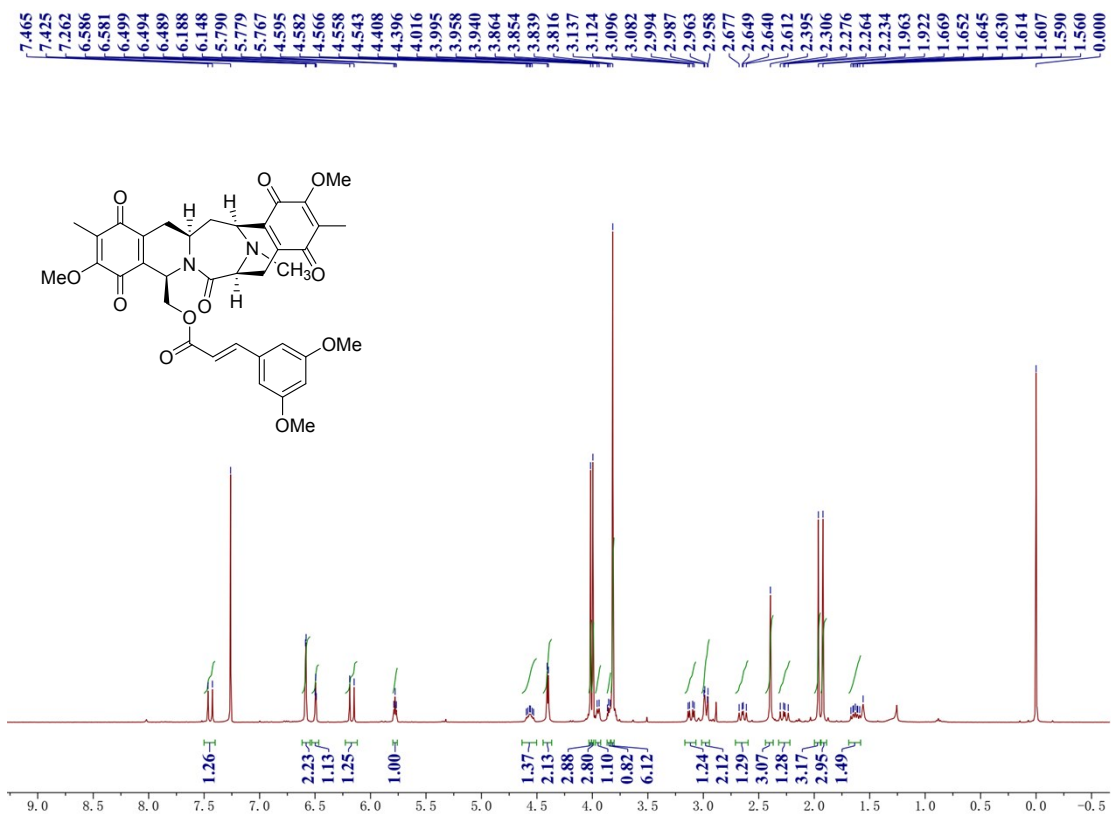
¹H NMR of compound 30



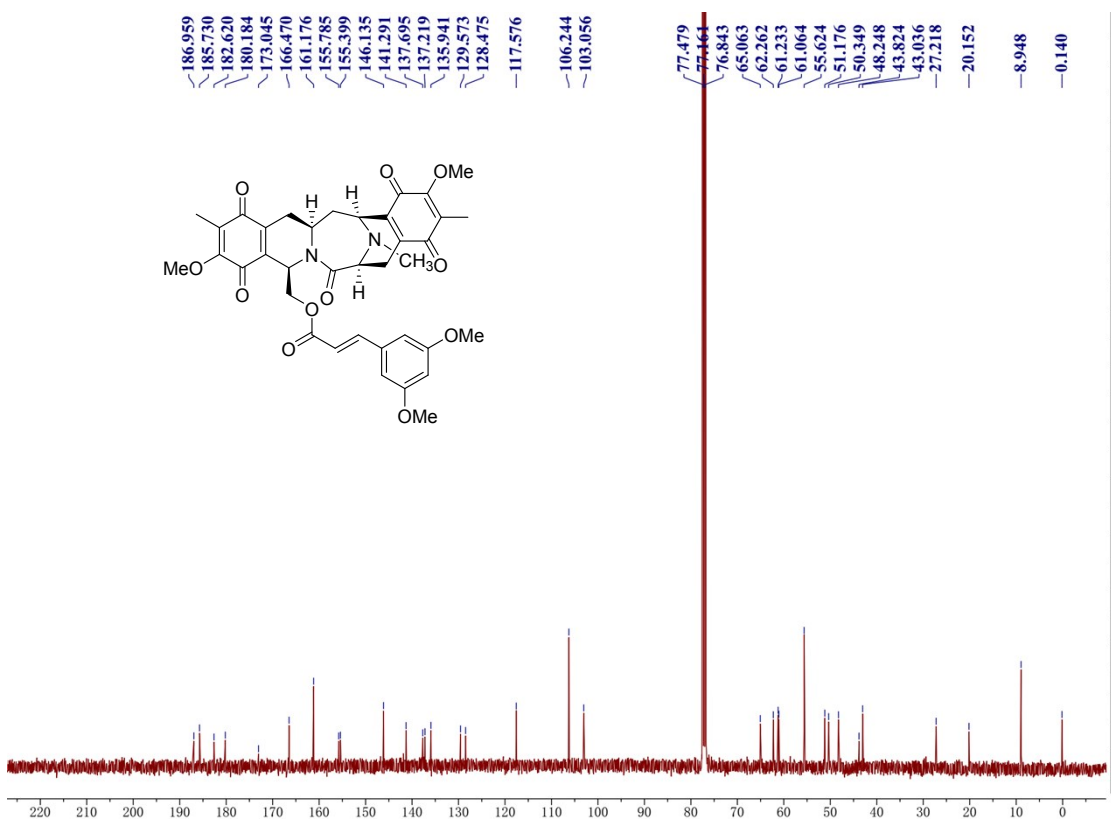
¹³C NMR of compound 30



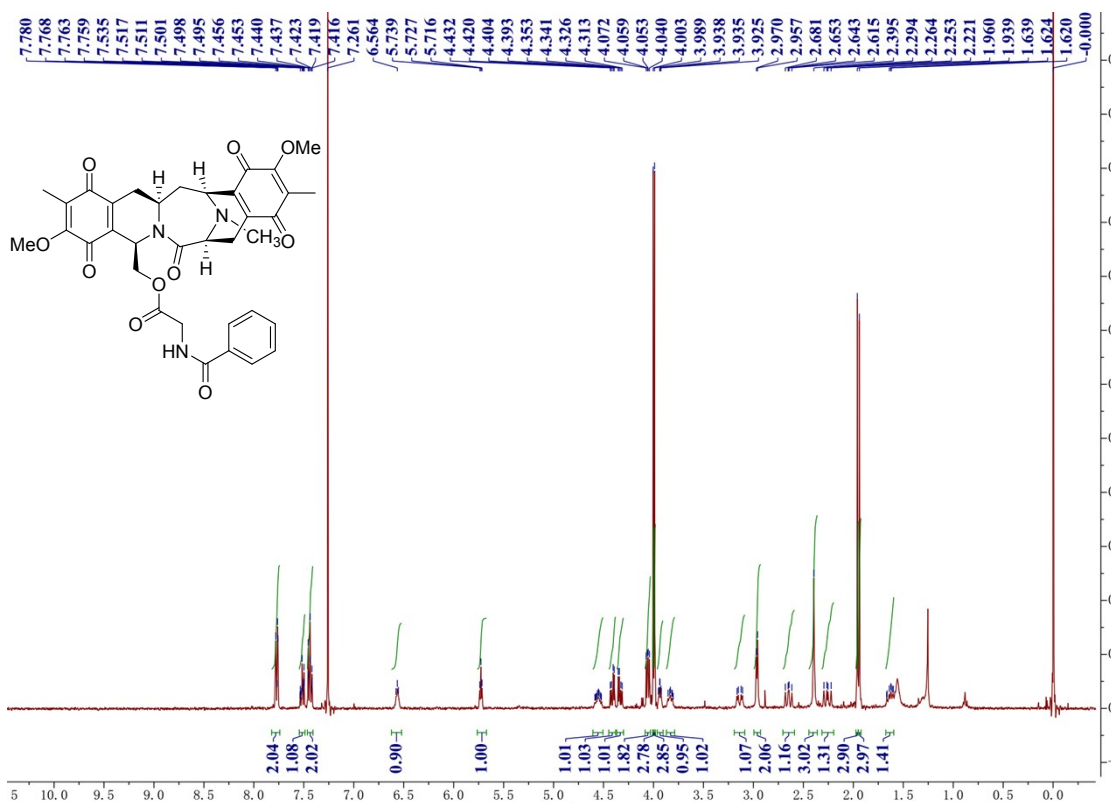
¹H NMR of compound 31



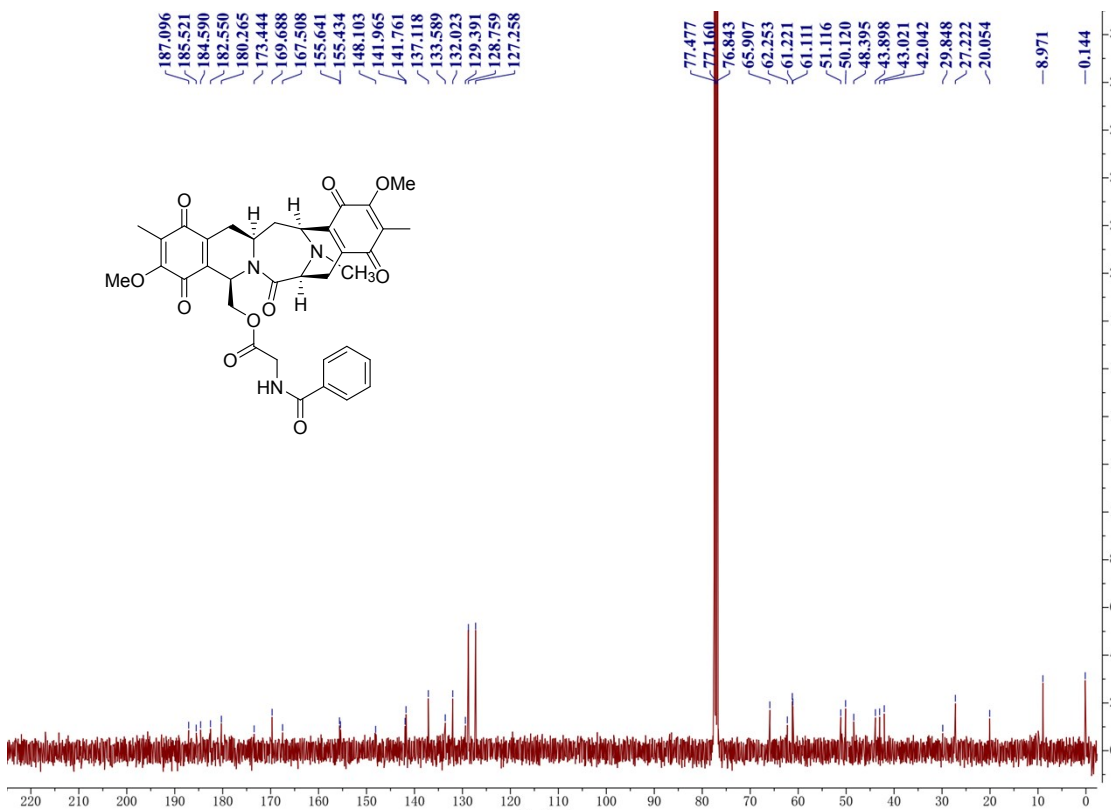
¹³C NMR of compound 31



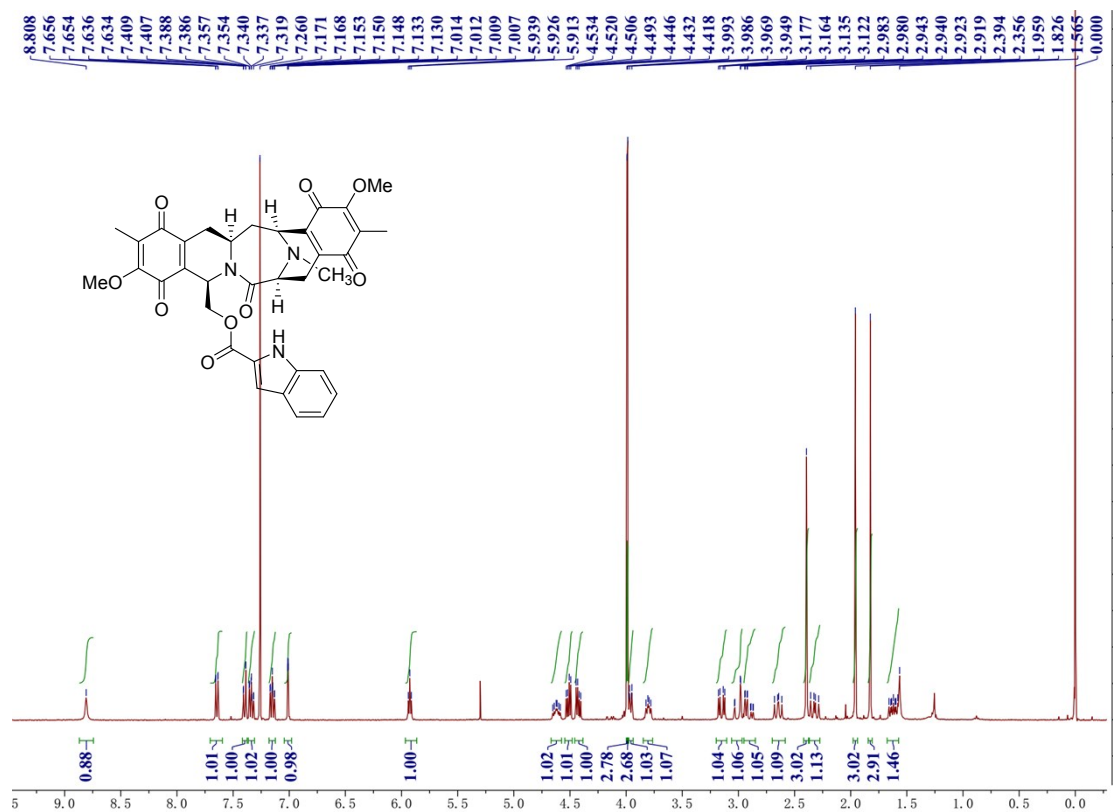
¹H NMR of compound 32



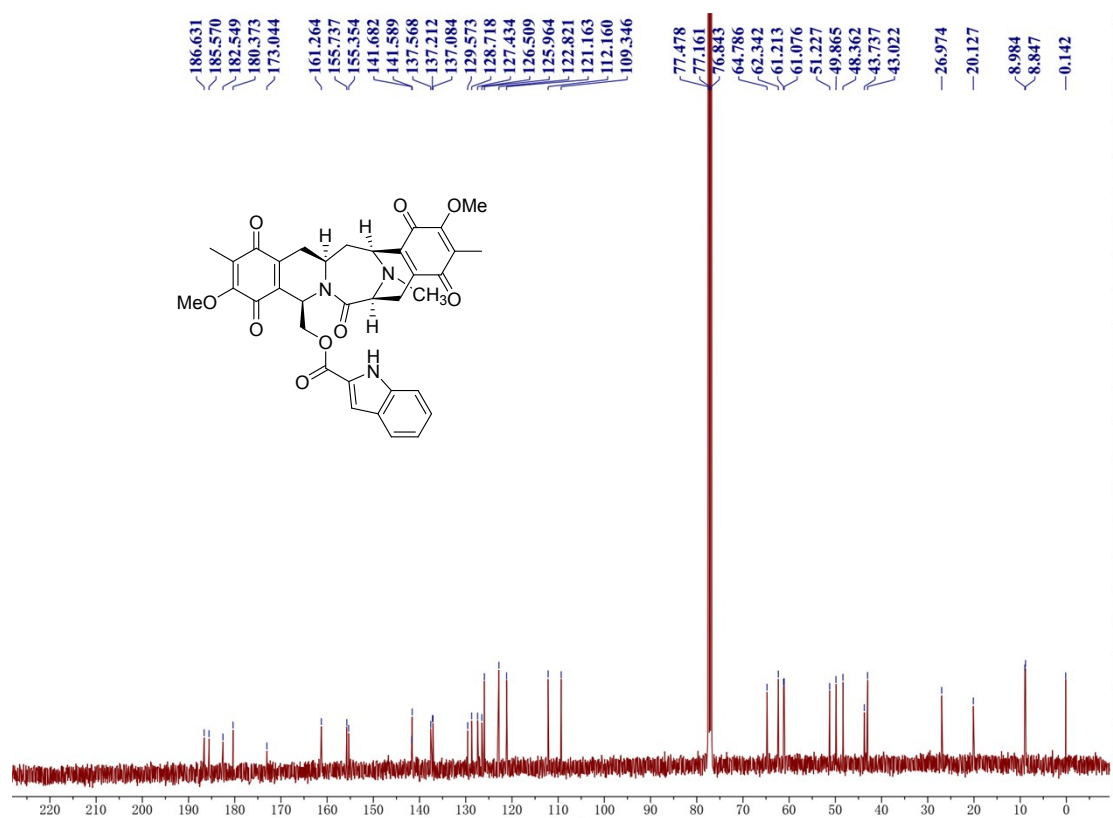
¹³C NMR of compound 32



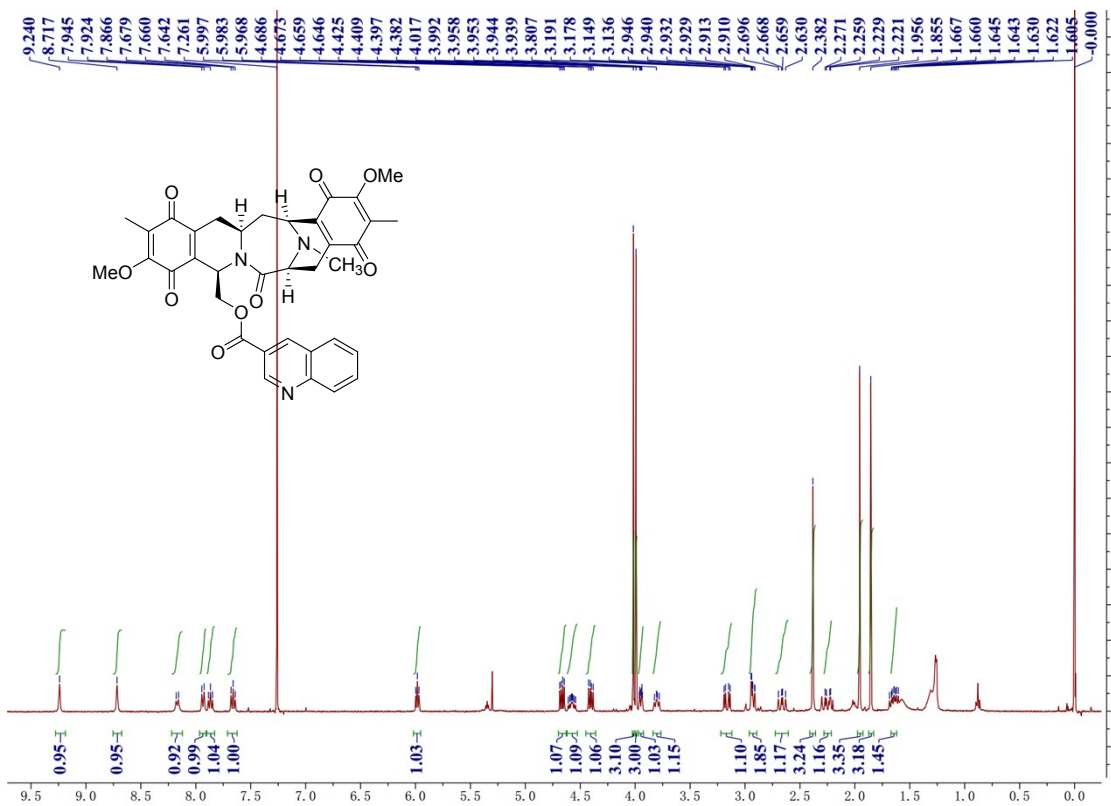
¹H NMR of compound 33



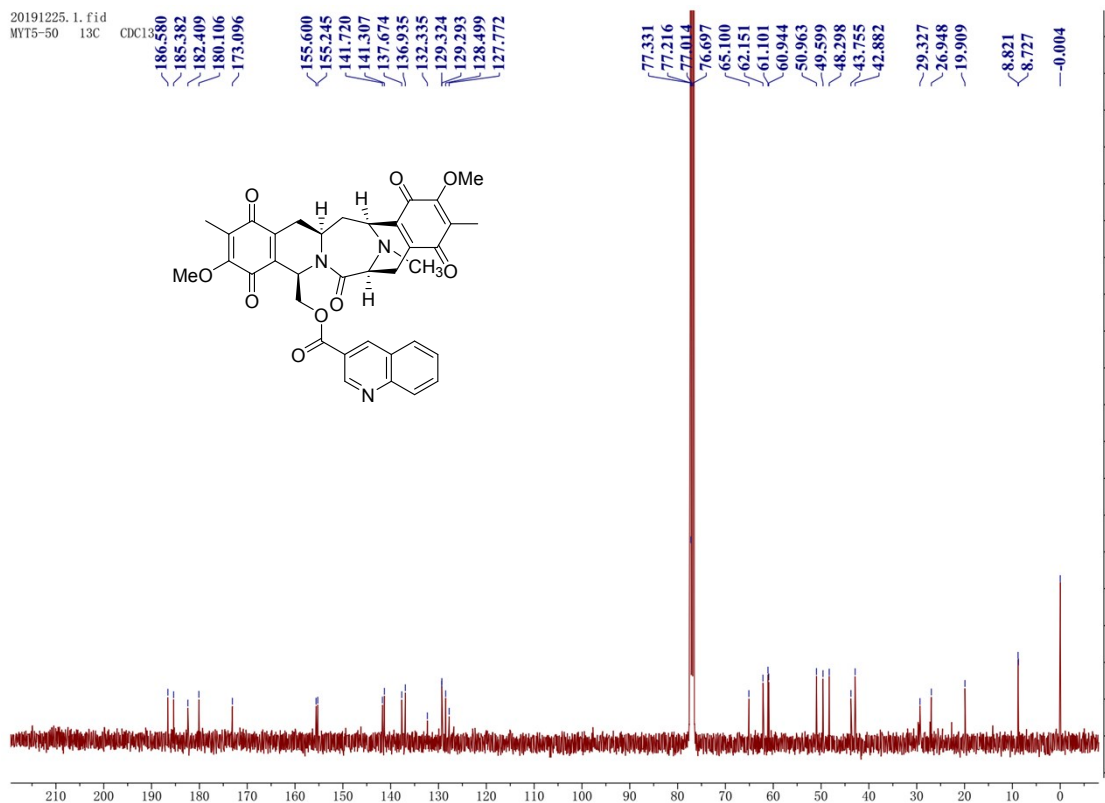
¹³C NMR of compound 33



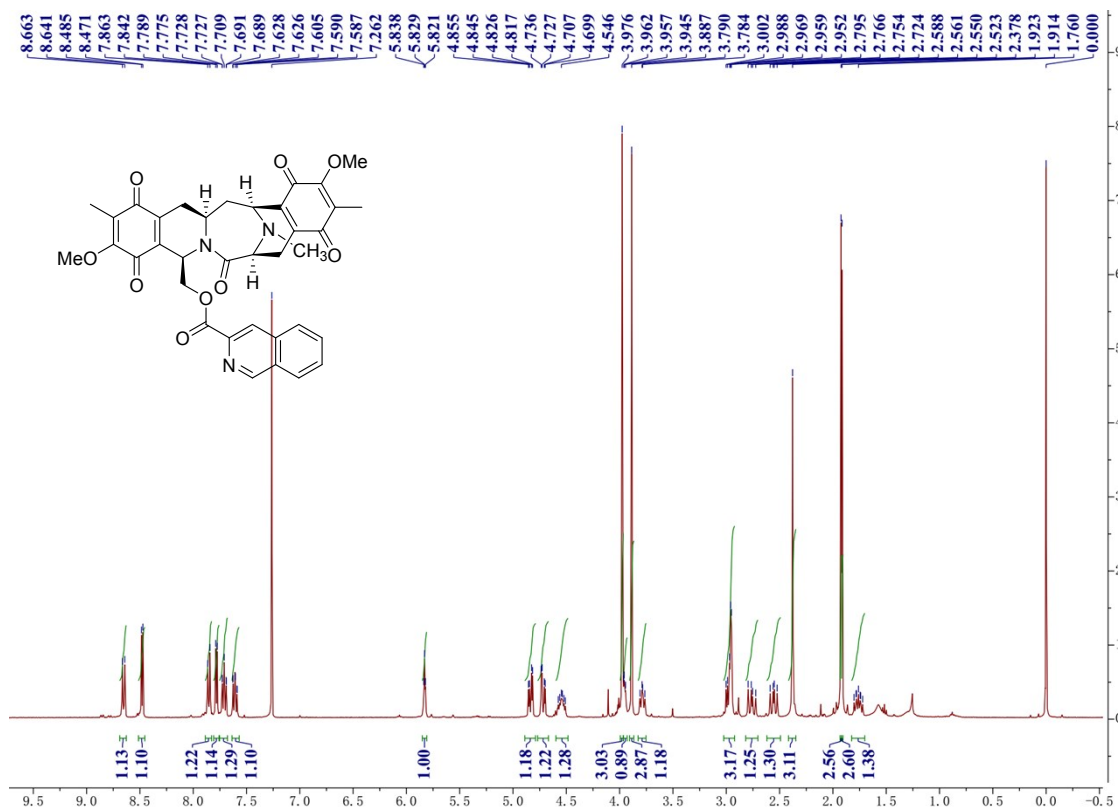
¹H NMR of compound 34



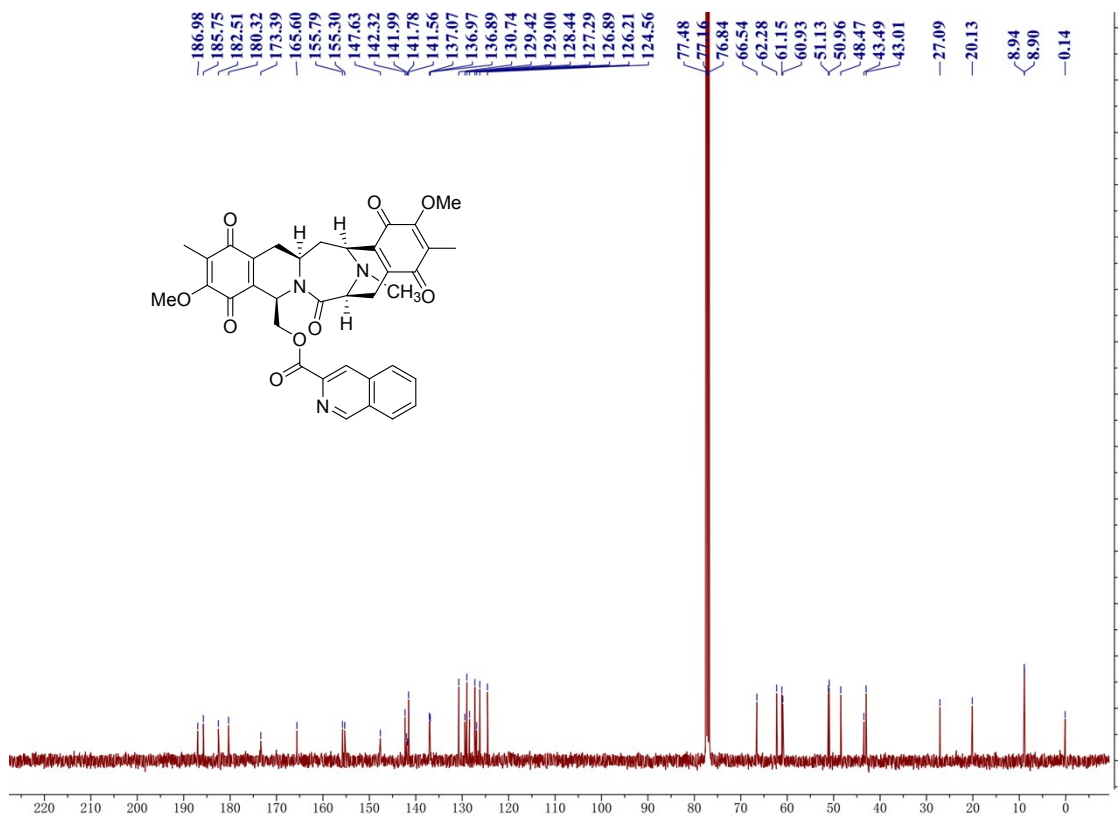
¹³C NMR of compound 34



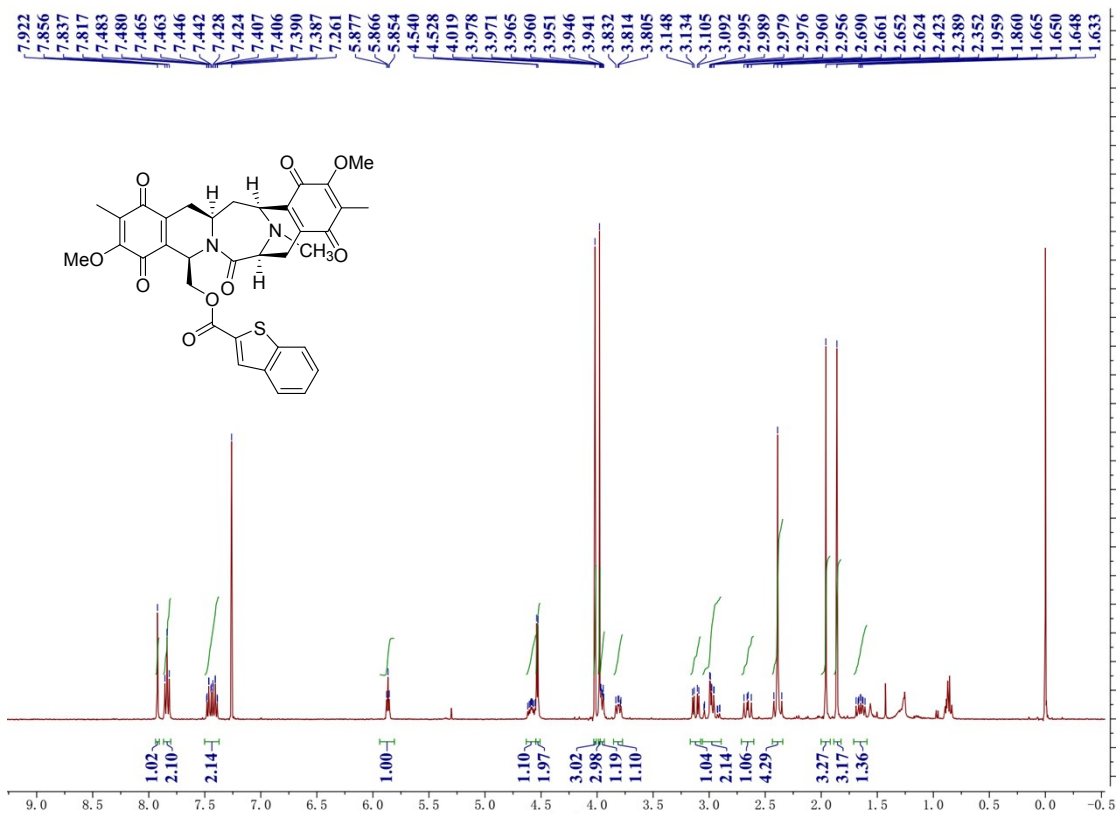
¹H NMR of compound 35



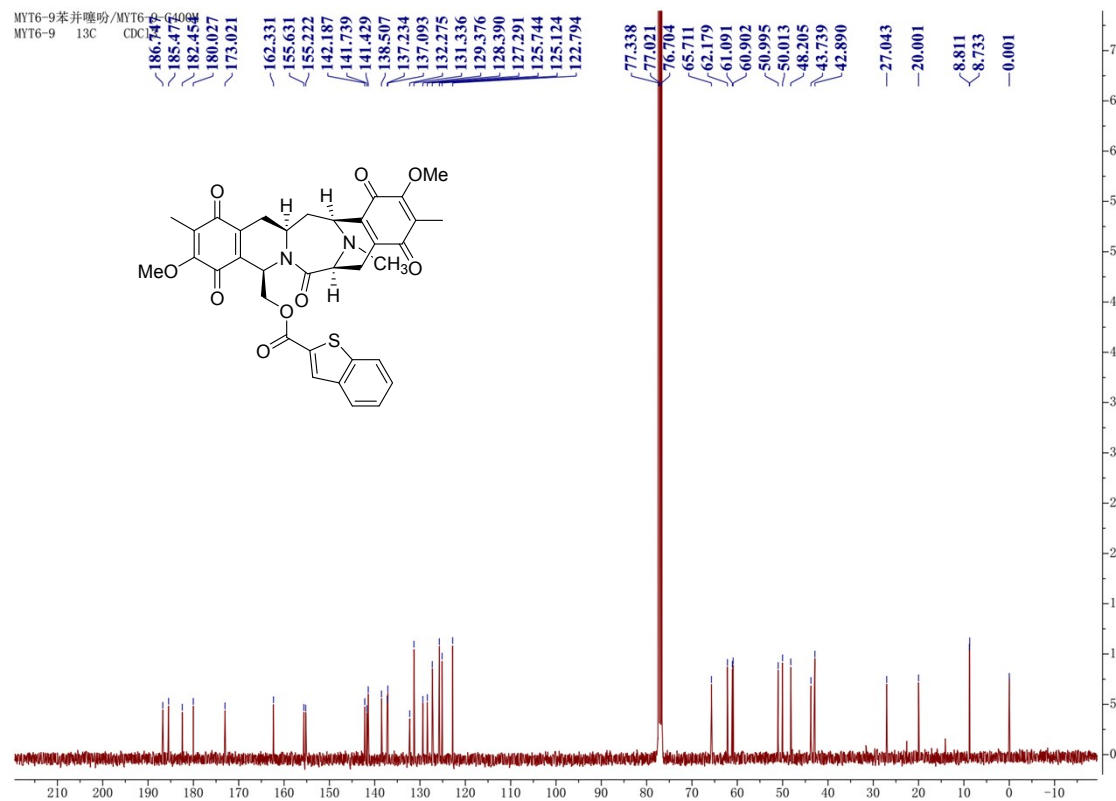
¹³C NMR of compound 35



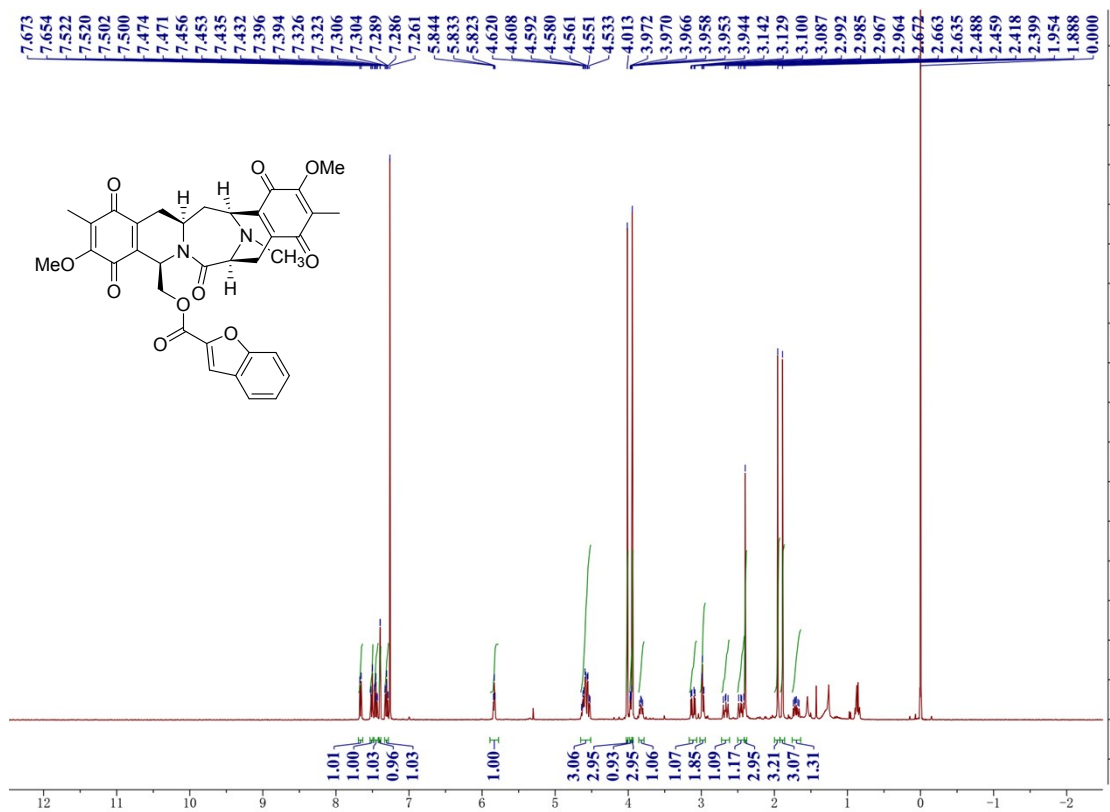
¹H NMR of compound 36



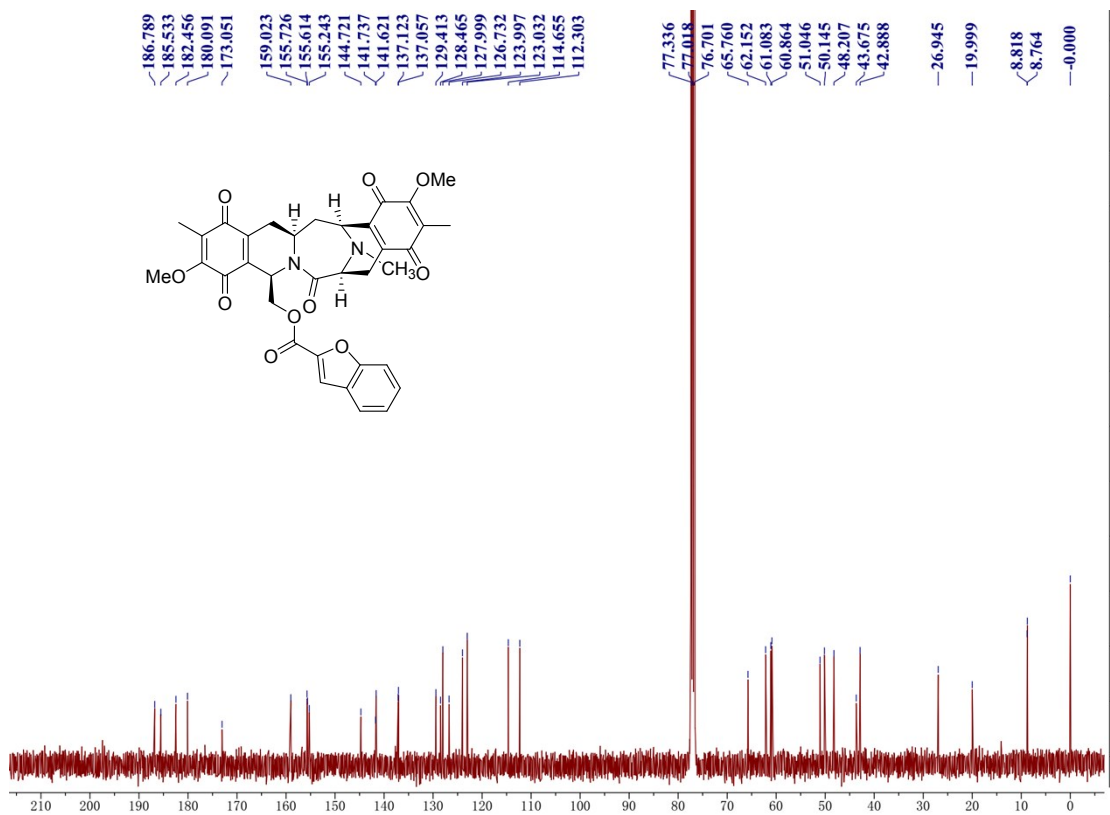
¹³C NMR of compound 36



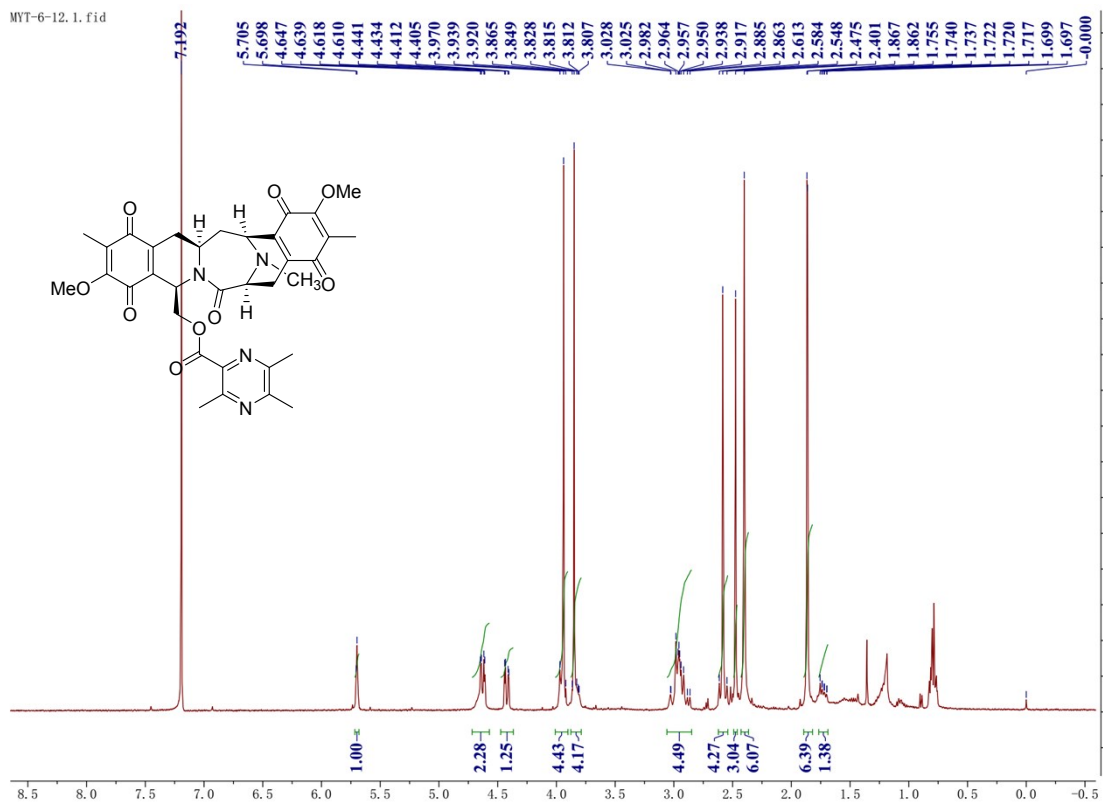
¹H NMR of compound 37



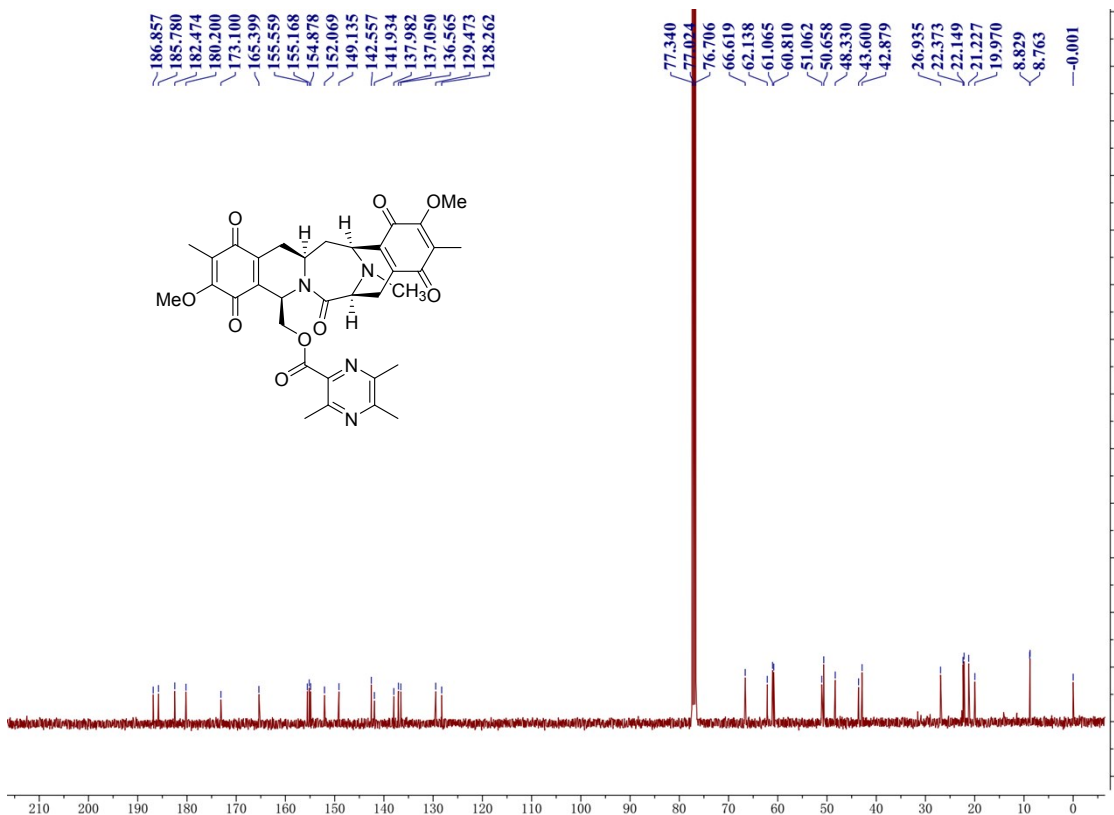
¹³C NMR of compound 37



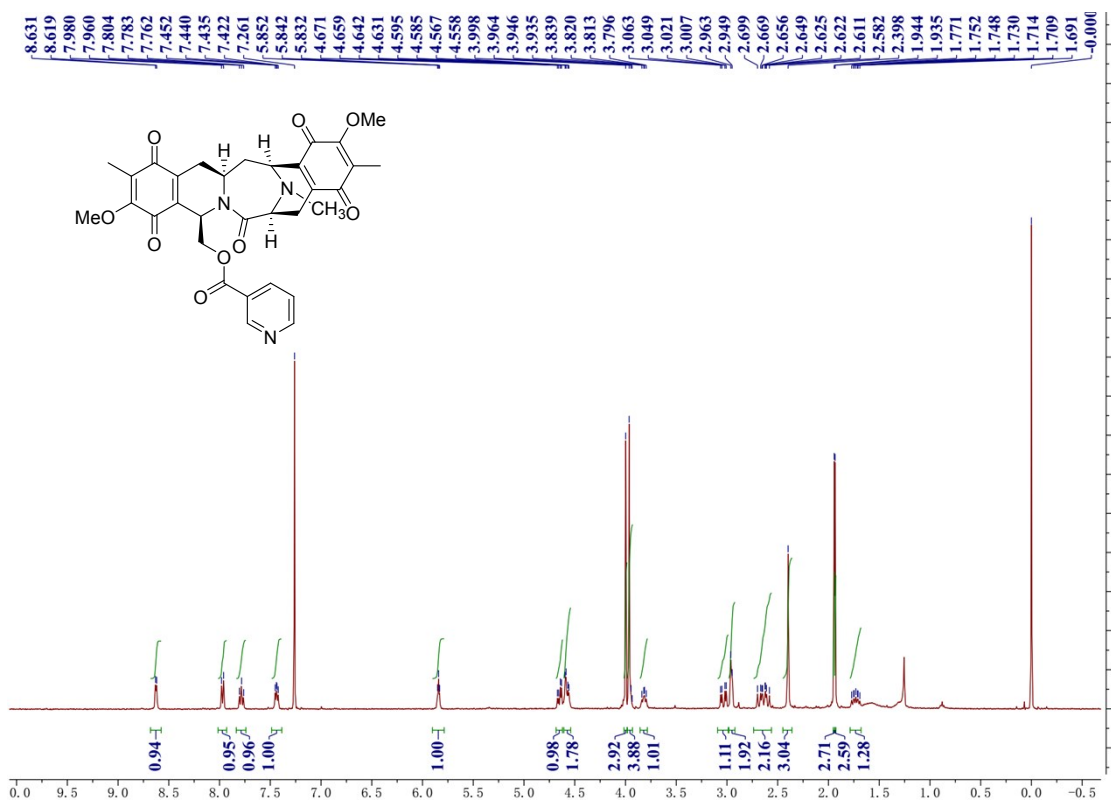
¹H NMR of compound 38



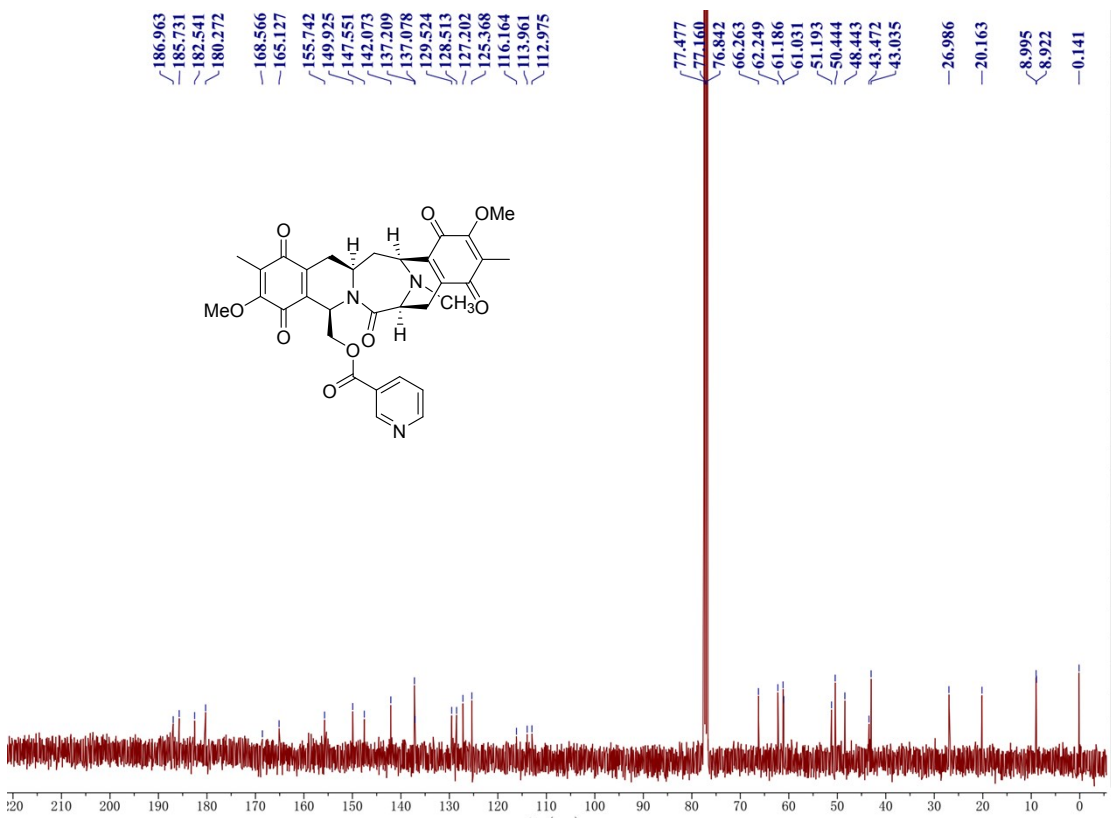
¹³C NMR of compound 38



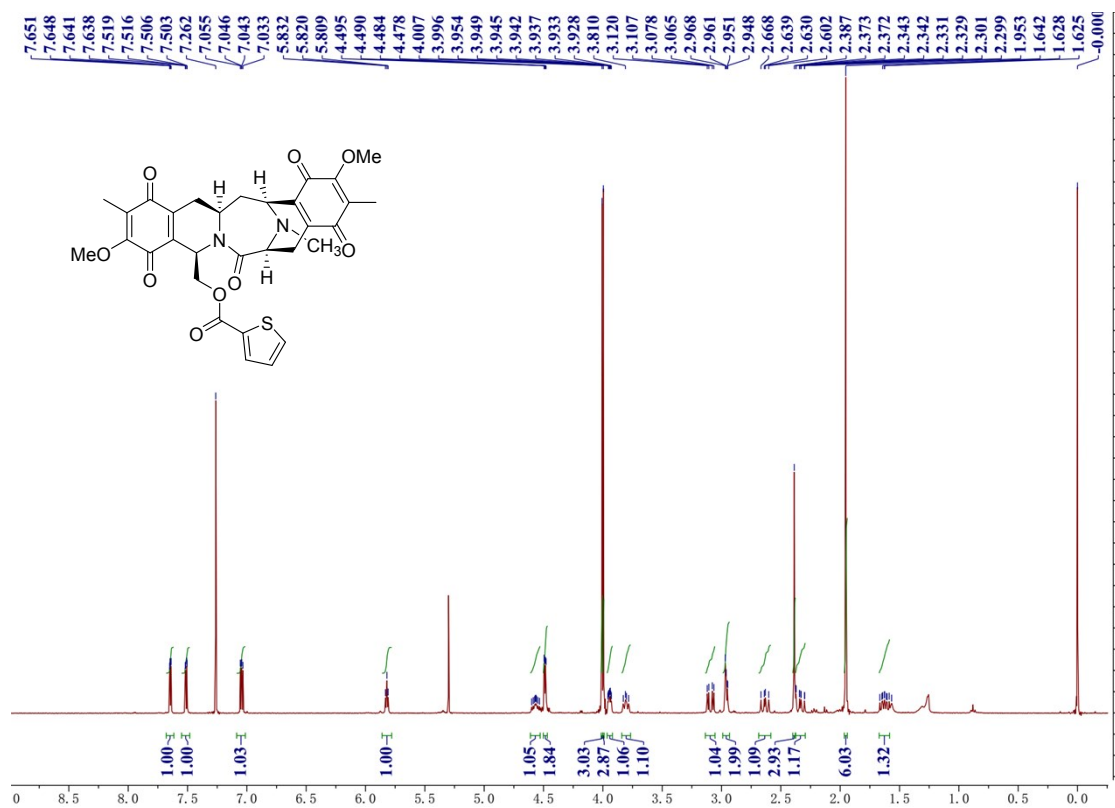
^1H NMR of compound **39**



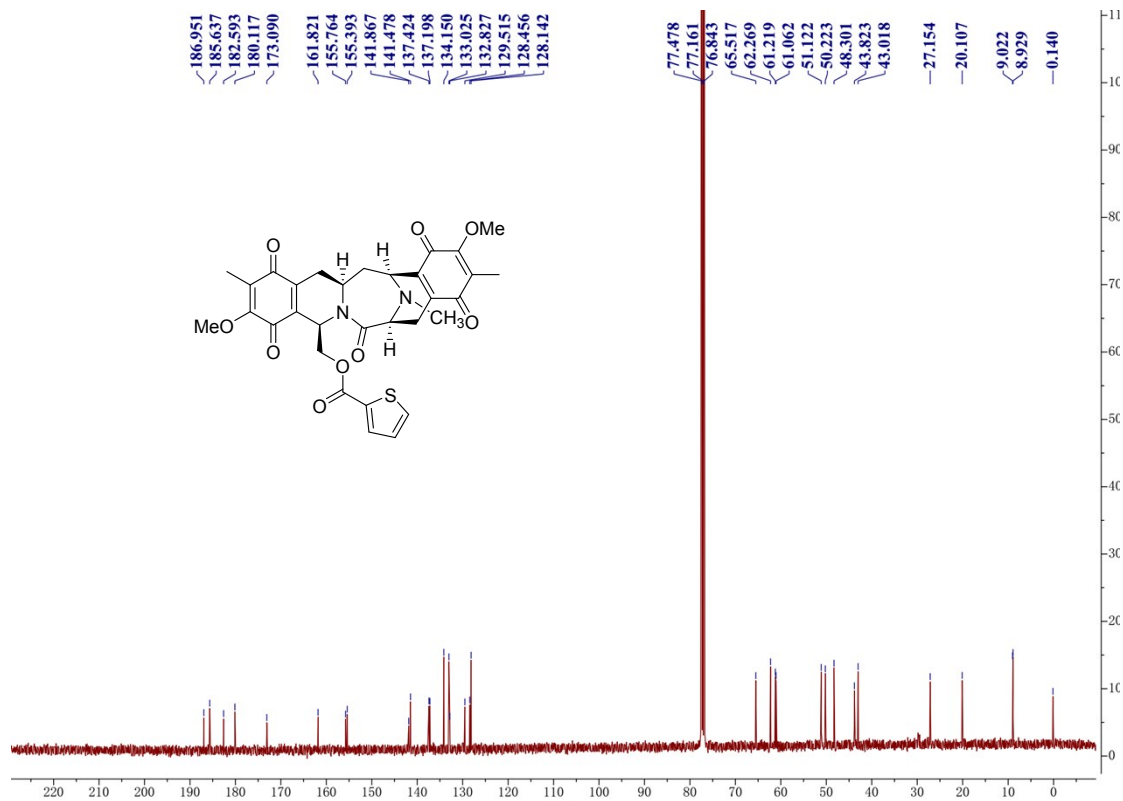
^{13}C NMR of compound **39**



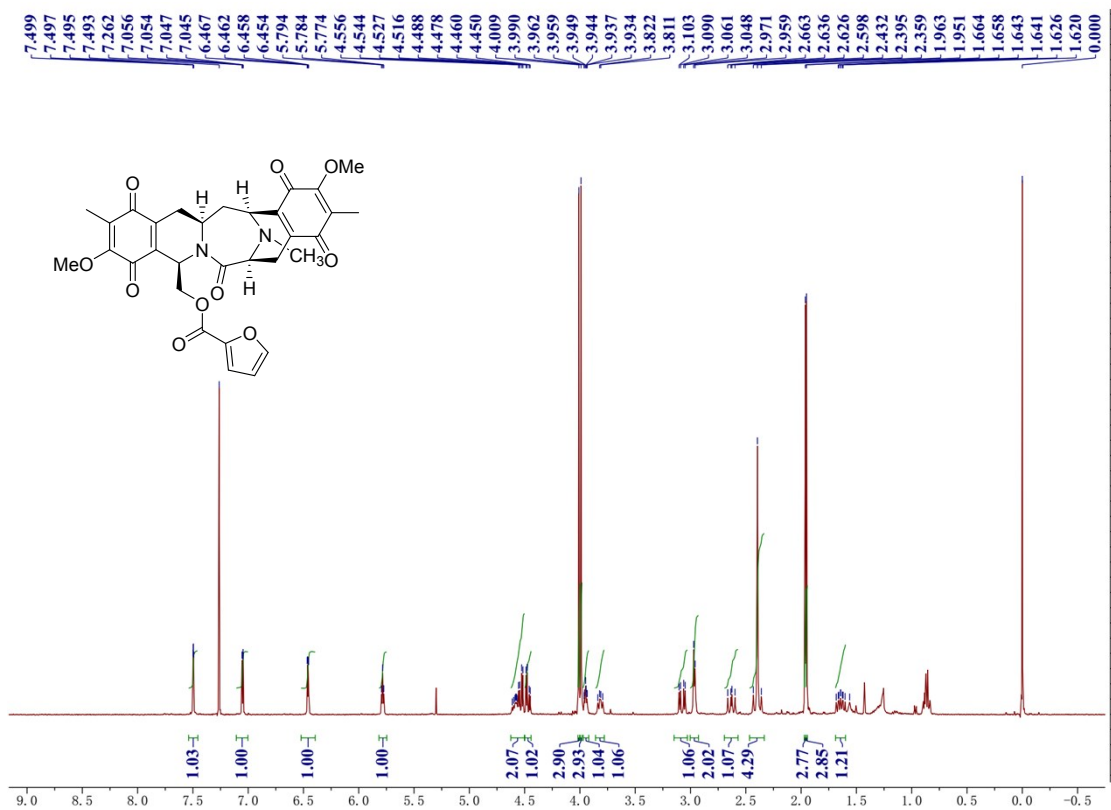
¹H NMR of compound 40



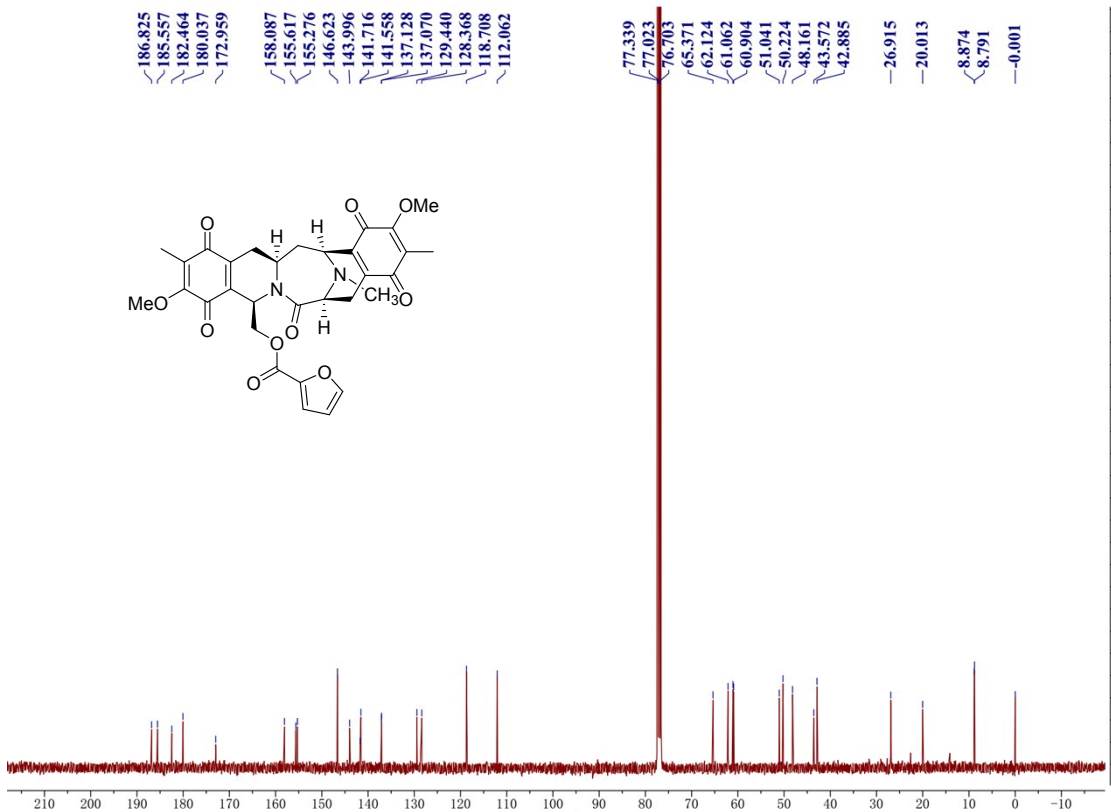
¹³C NMR of compound 40



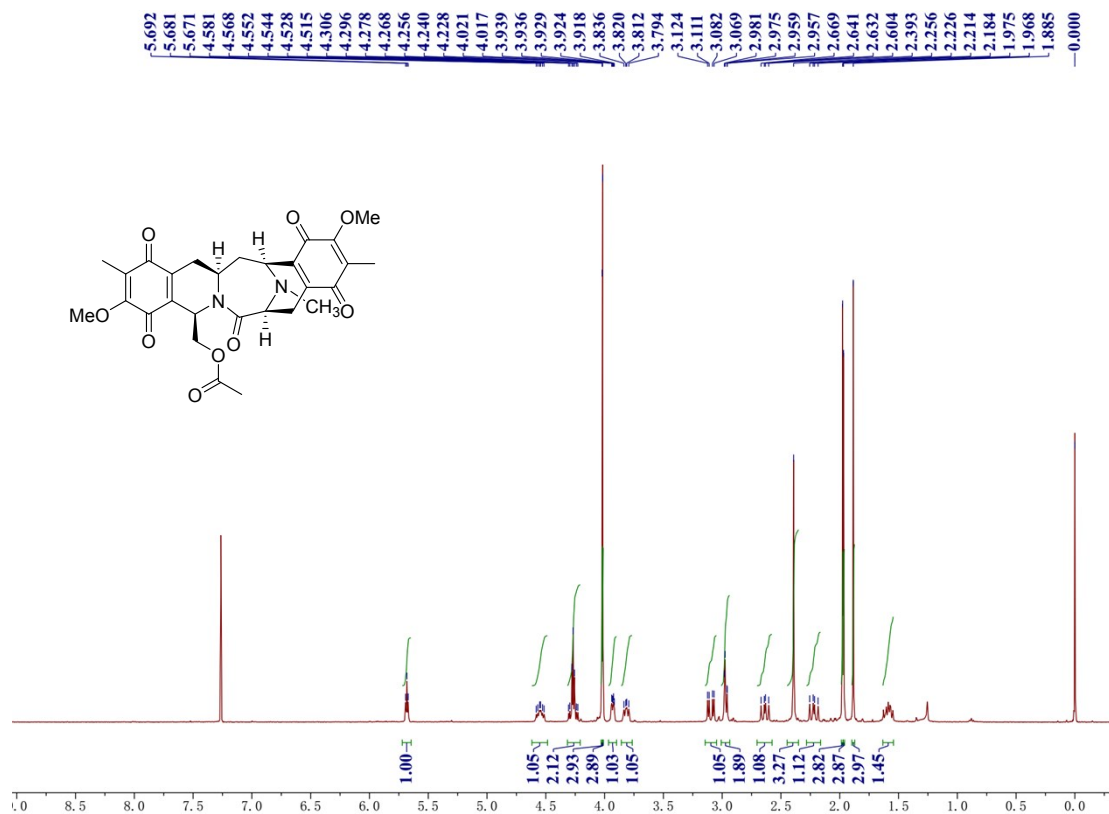
¹H NMR of compound 41



¹³C NMR of compound 41



¹H NMR of compound 42



¹³C NMR of compound 42

