

Supporting Information

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Todasinoid A, a New Eremophilane-type Sesquiterpene from the Plant *Toddalia asiatica*

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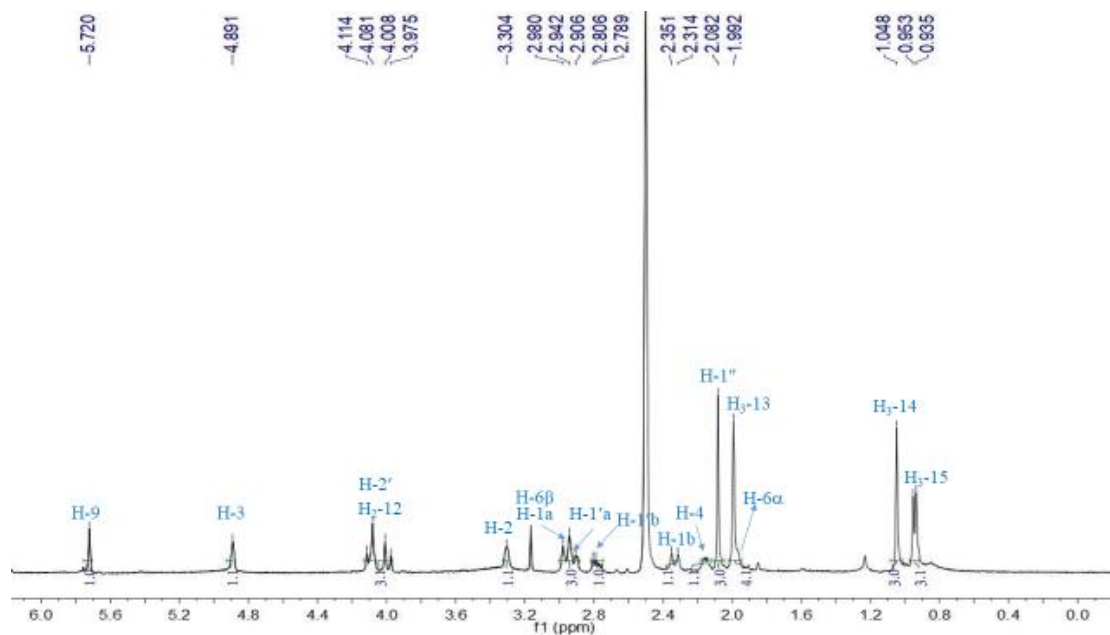


Figure S1: ^1H NMR spectrum of **1** in $\text{DMSO-}d_6$ (400 MHz)

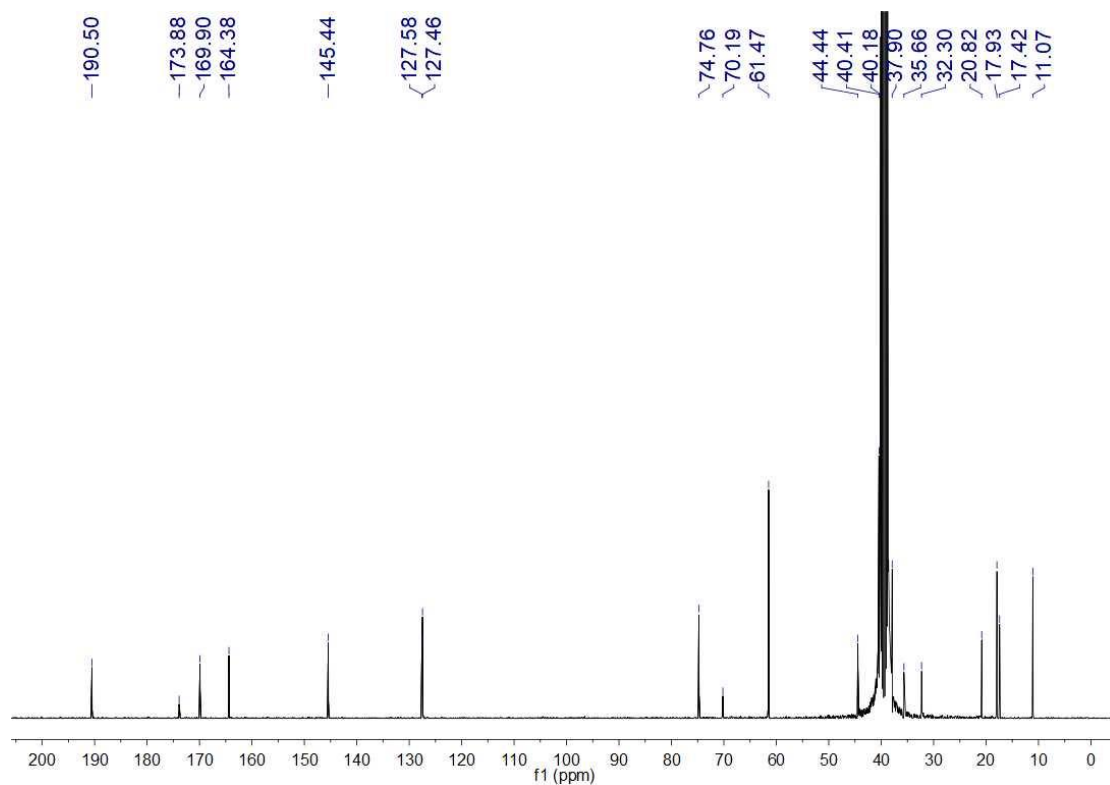


Figure S2: ^{13}C NMR spectrum of **1** in $\text{DMSO-}d_6$ (100 MHz)

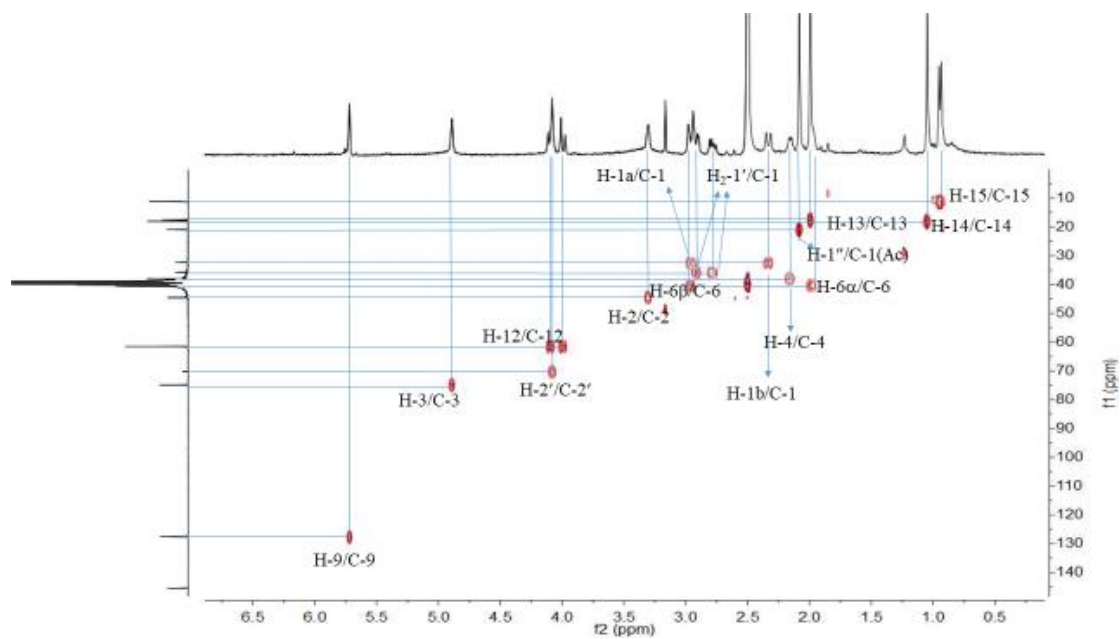


Figure S3: HSQC spectrum of **1** in DMSO-*d*₆

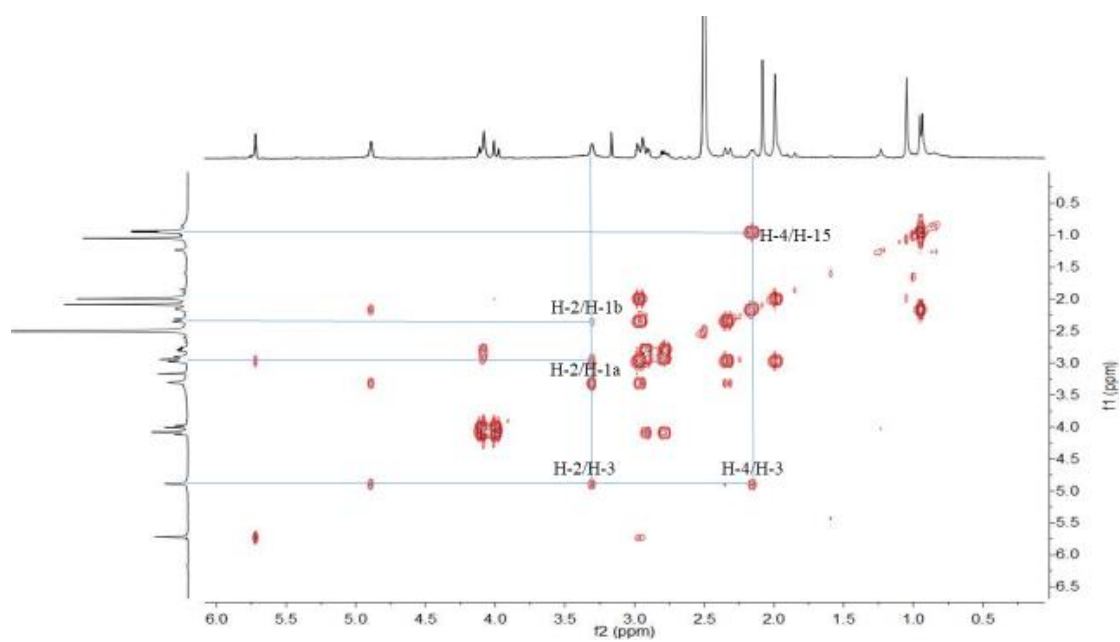


Figure S4: ¹H-¹H COSY spectrum of **1** in DMSO-*d*₆

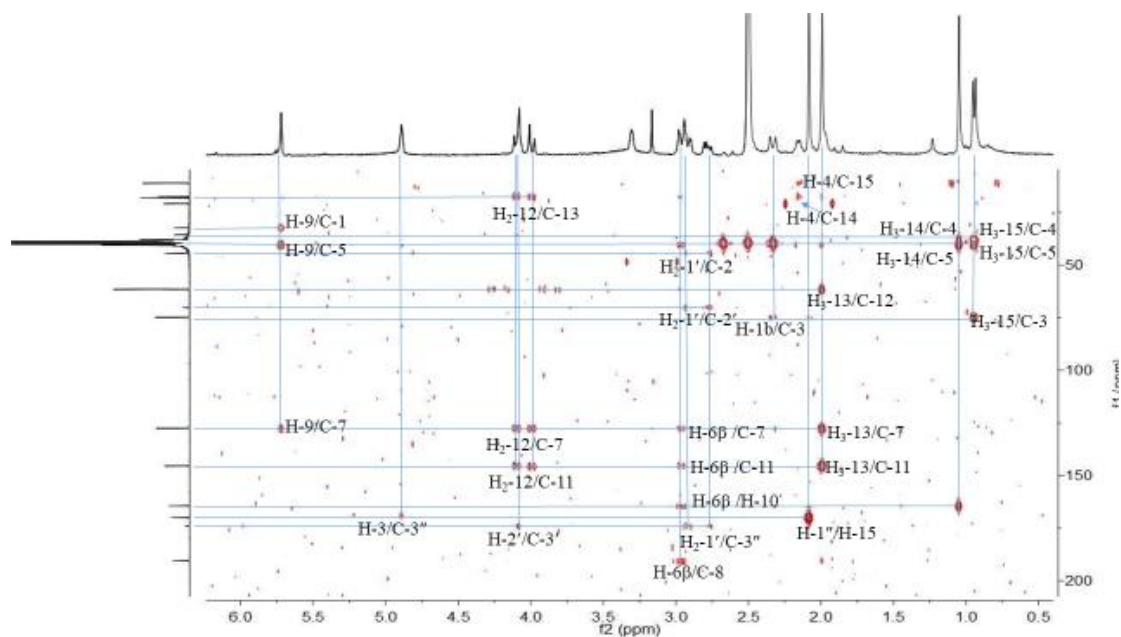


Figure S5: HMBC spectrum of **1** in DMSO-*d*₆

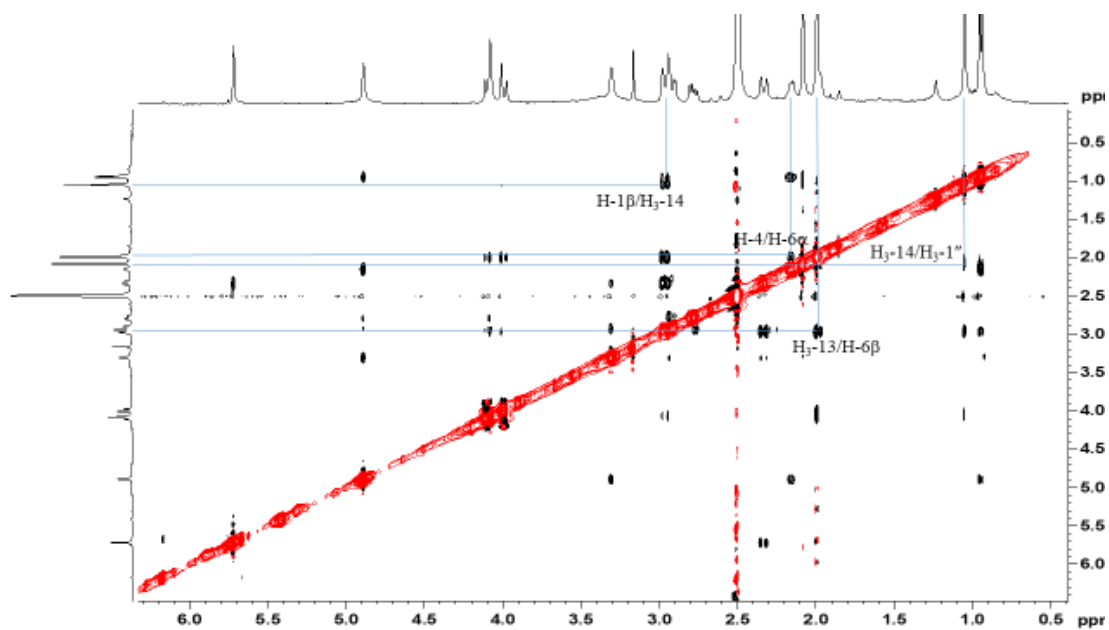


Figure S6: NOESY spectrum of **1** in DMSO-*d*₆

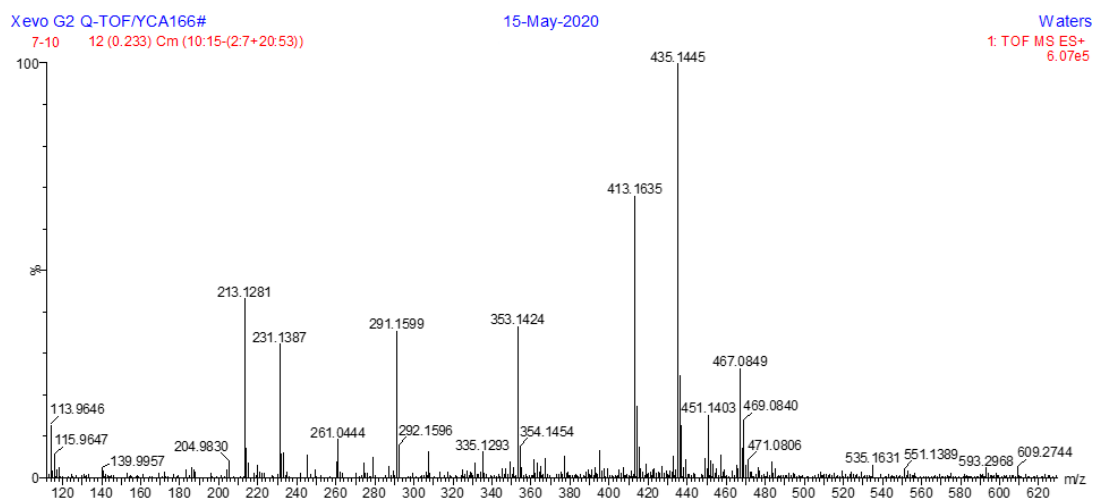


Figure S7: HRMS data of 1

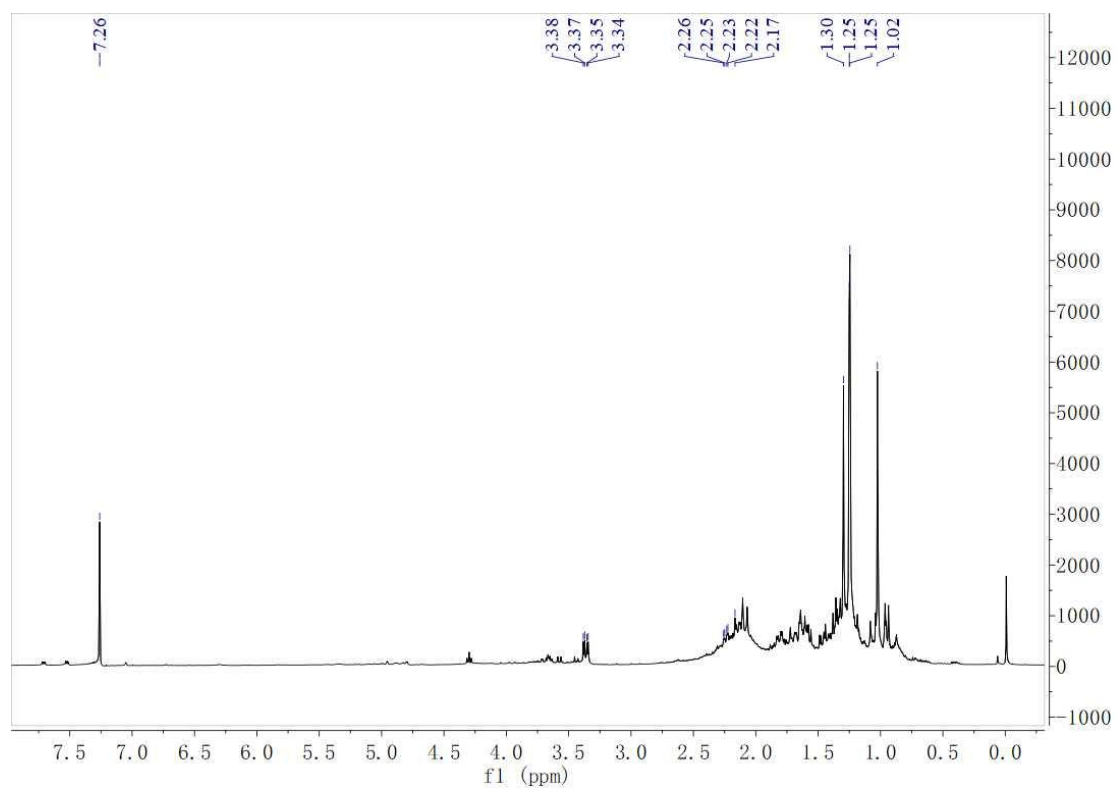


Figure S8: ^1H NMR spectrum of 2 in CDCl_3 (400 MHz)

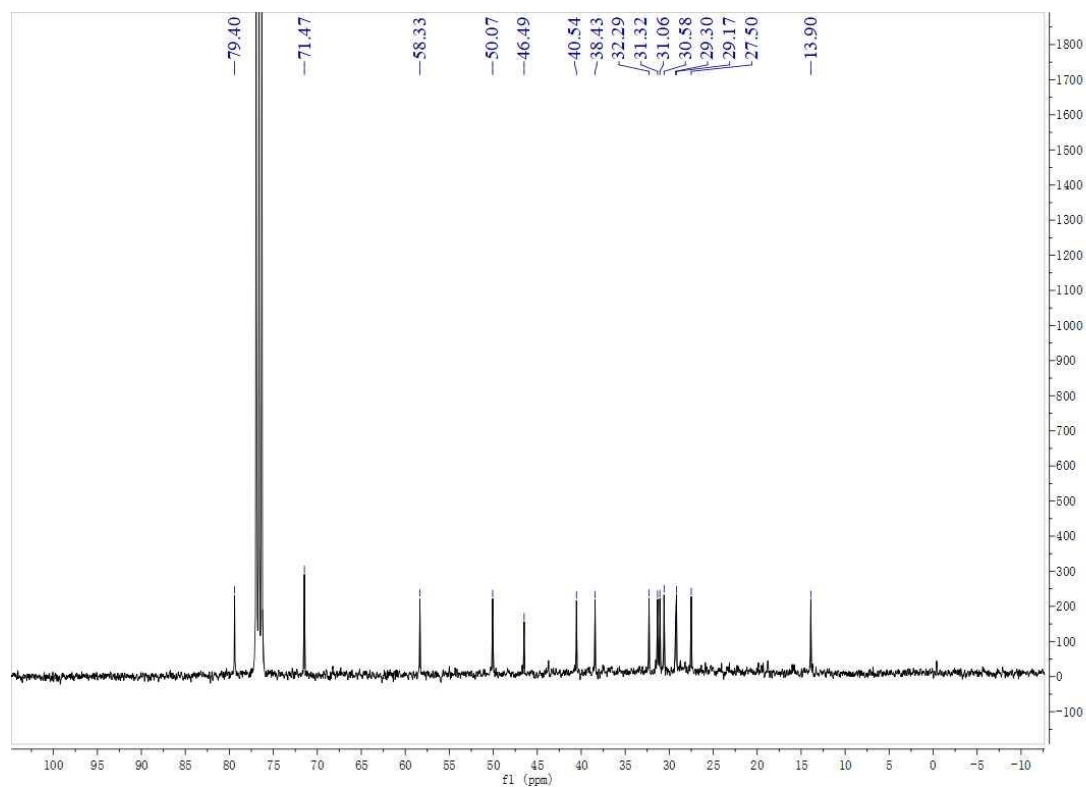


Figure S9: ^{13}C NMR spectrum of **2** in CDCl_3

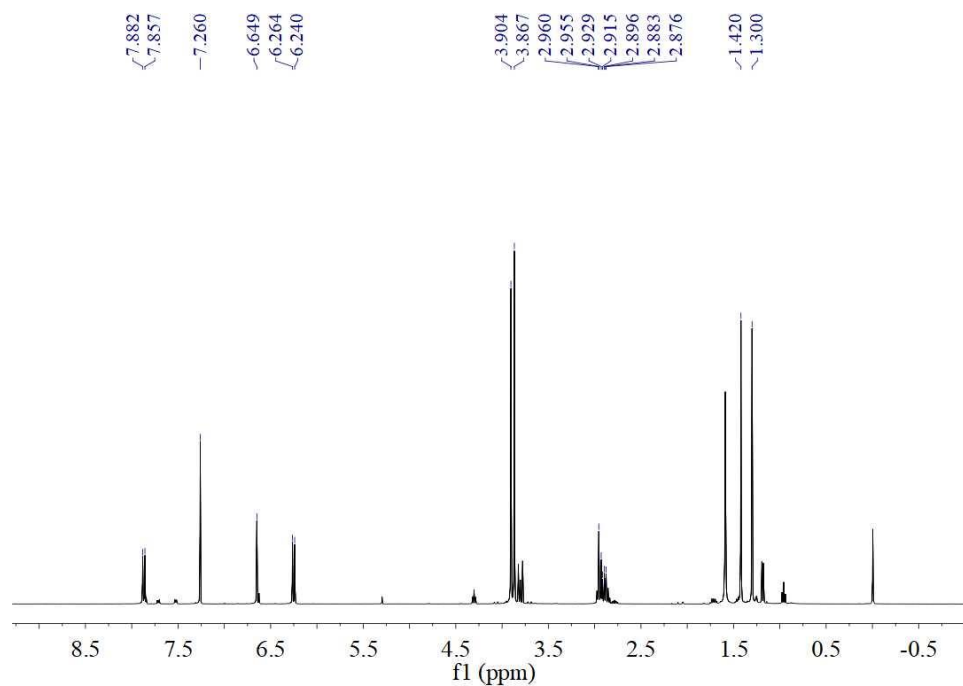


Figure S10: ^1H NMR spectrum of **3** in CDCl_3 (400 MHz)

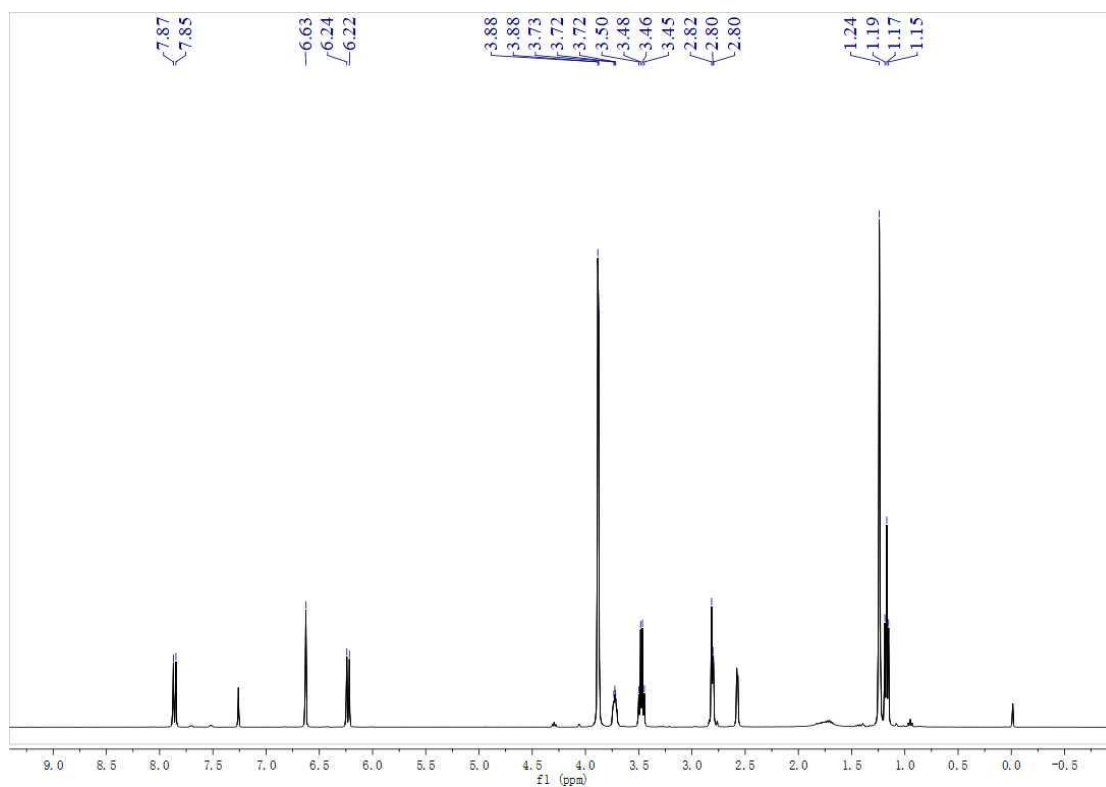


Figure S11: ^1H NMR spectrum of **4** in CDCl_3 (400 MHz)

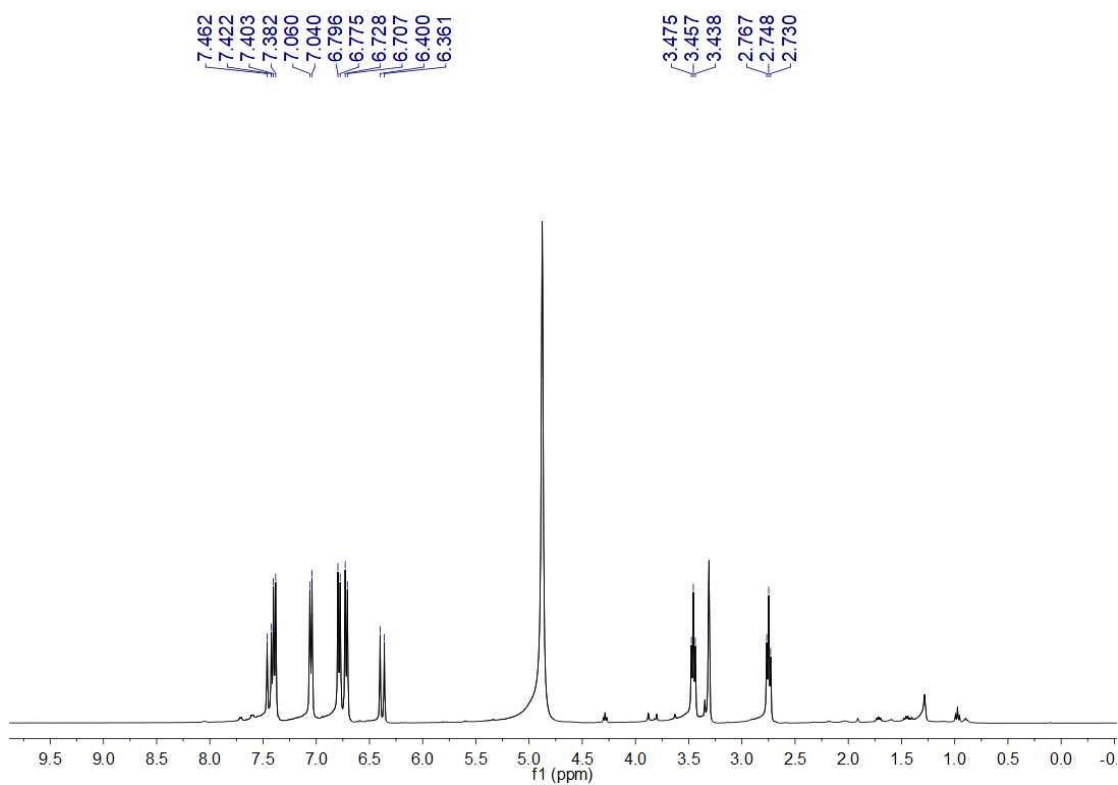


Figure S12: ^1H NMR spectrum of **5** in CD_3OD (400 MHz)

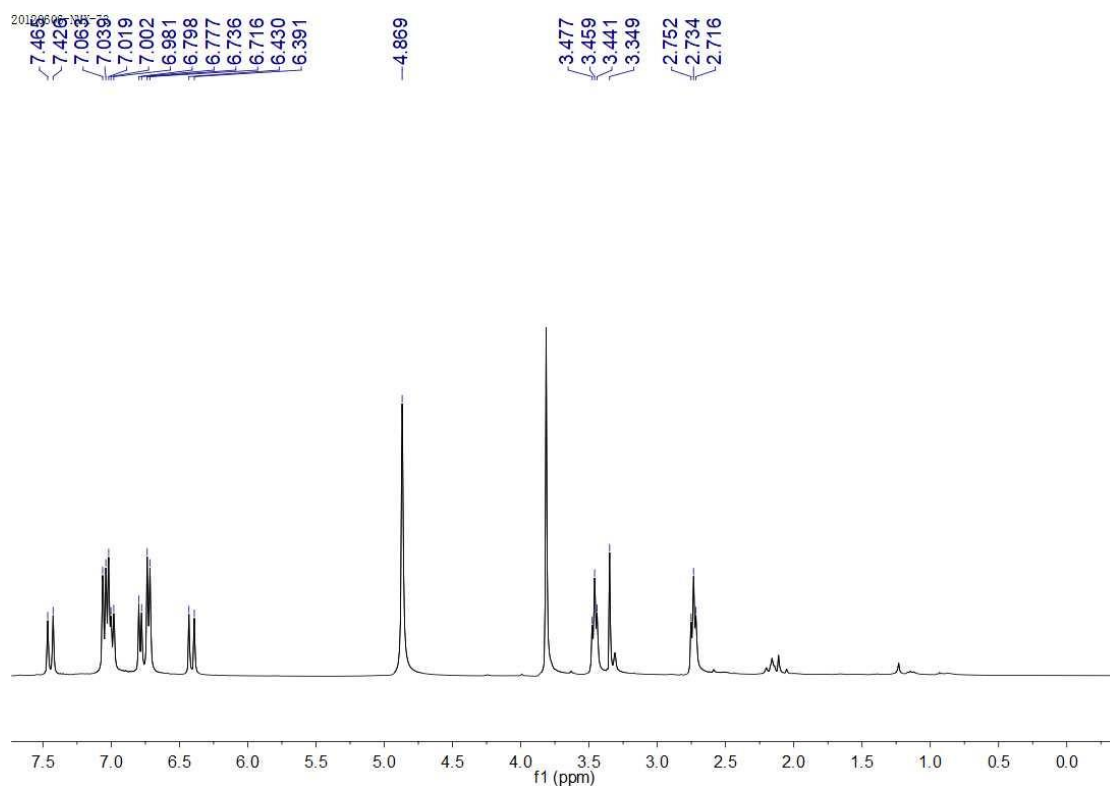


Figure S13: ^1H NMR spectrum of **6** in CD_3OD (400 MHz)

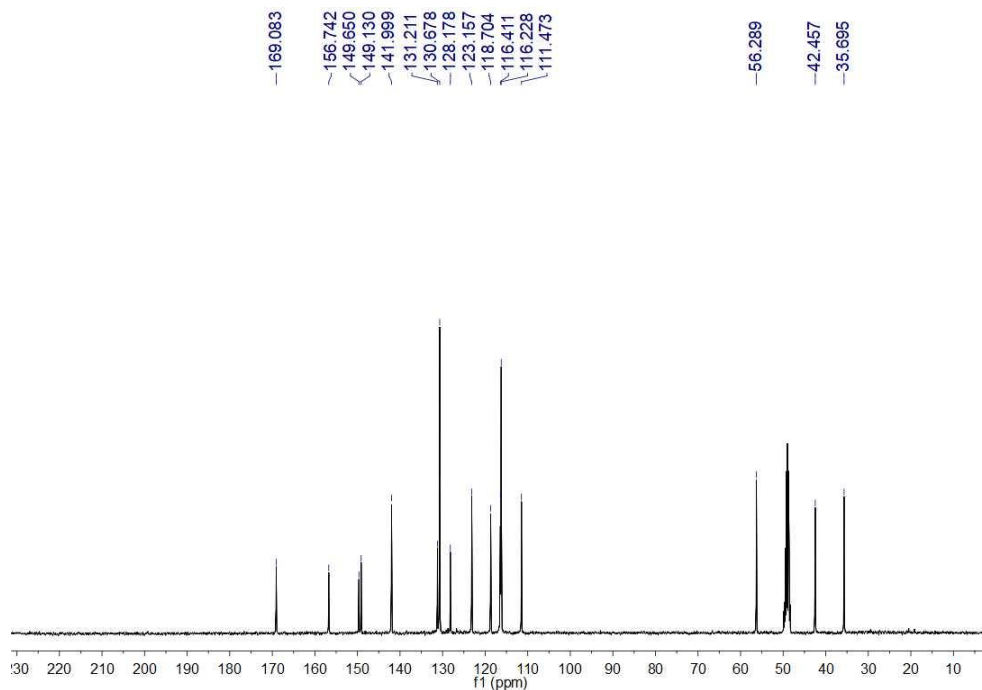


Figure S14: ^{13}C NMR spectrum of **6** in CD_3OD (100 MHz)

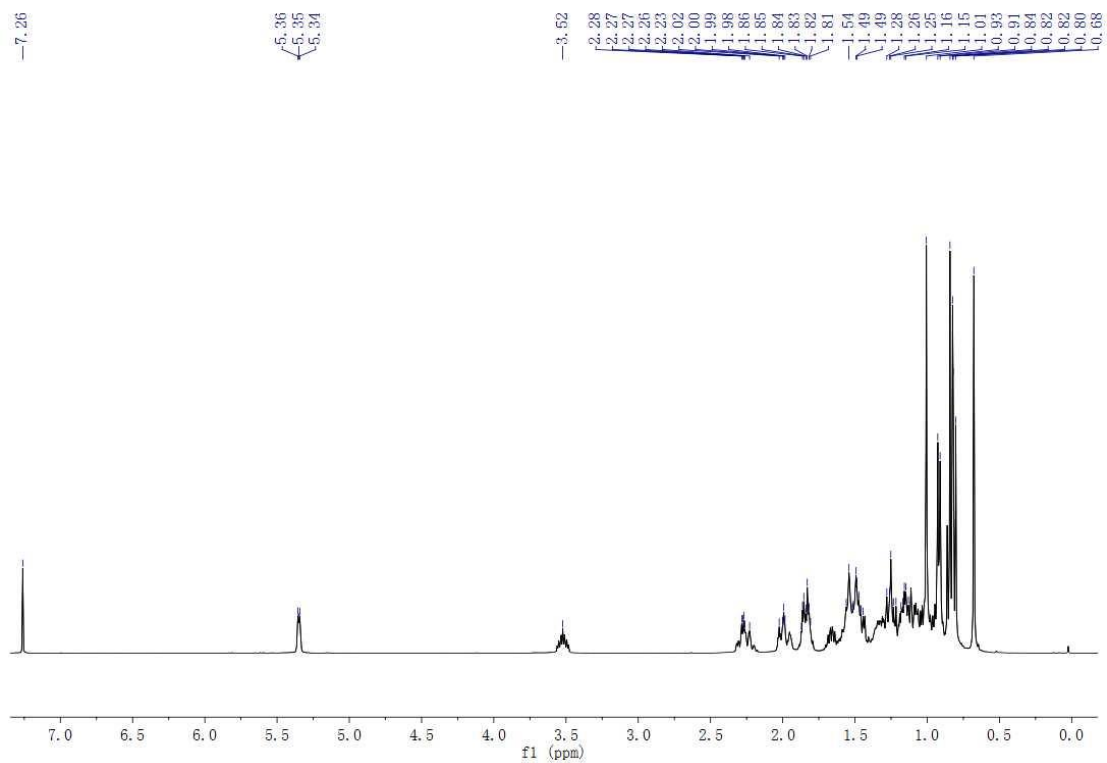


Figure S15: ^1H NMR spectrum of **7** in CDCl_3 (400 MHz)

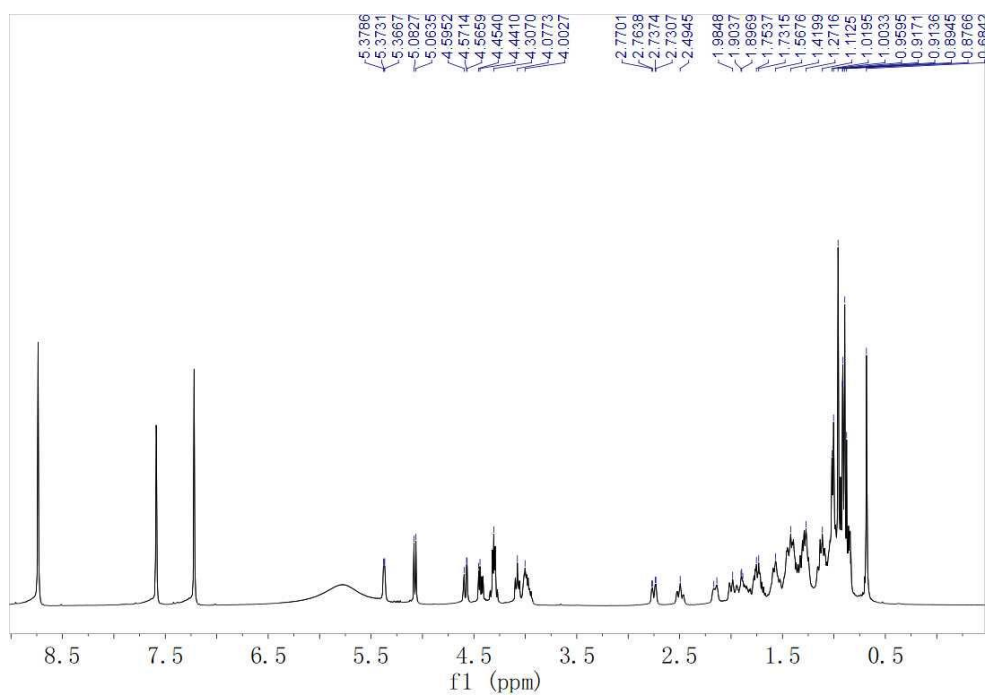


Figure S16: ^1H NMR spectrum of **8** in Pyr-d_5 (400 MHz)

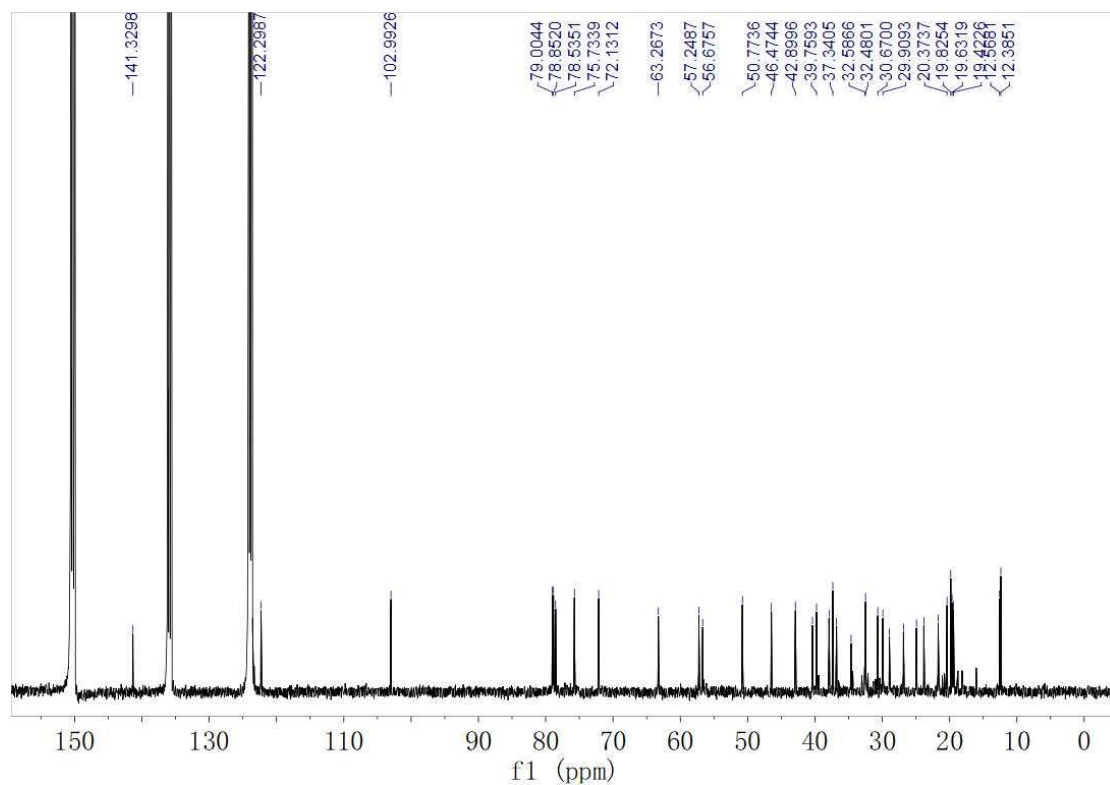


Figure S17: ^{13}C NMR spectrum of **8** in Pyr- d_5

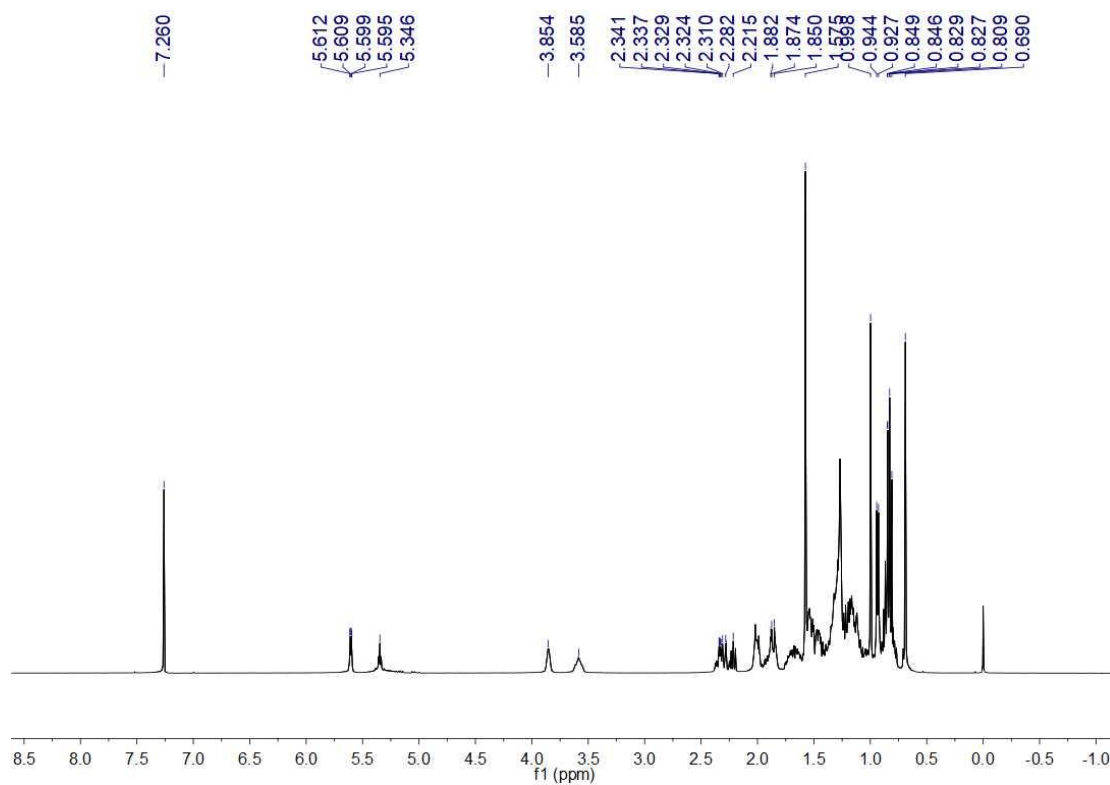


Figure S18: ^1H NMR spectrum of **9** in CDCl_3 (400 MHz)

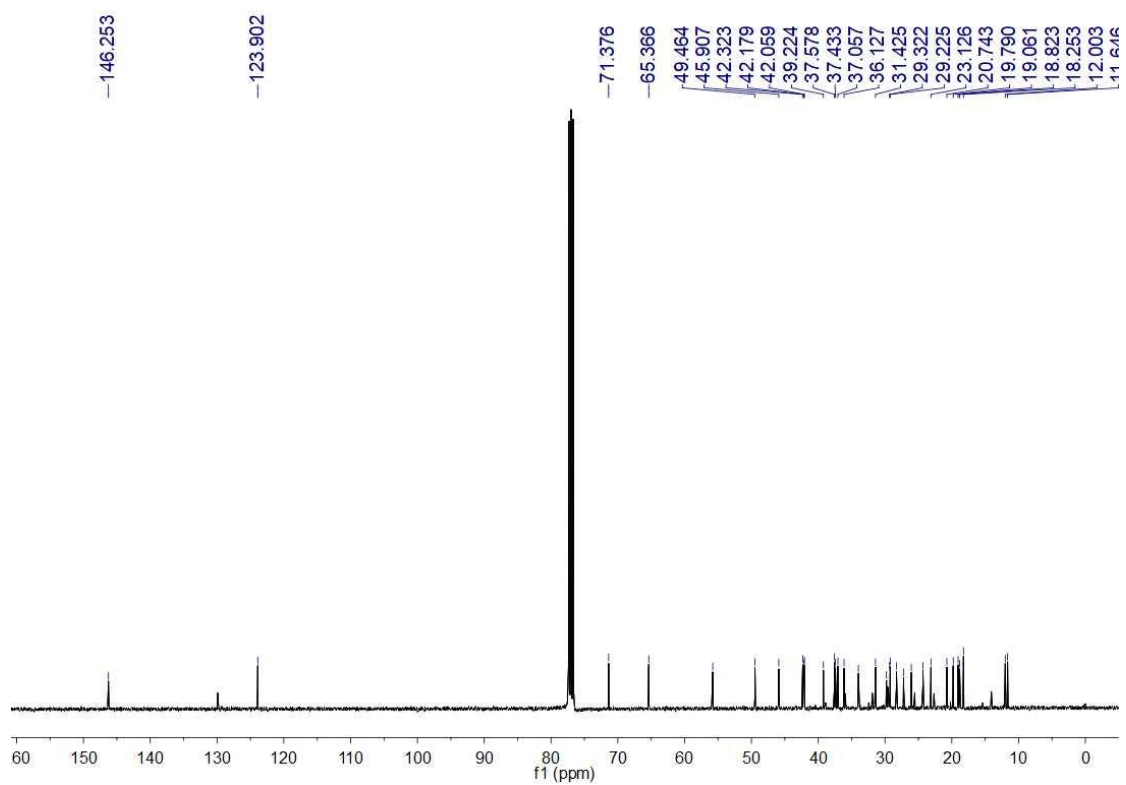
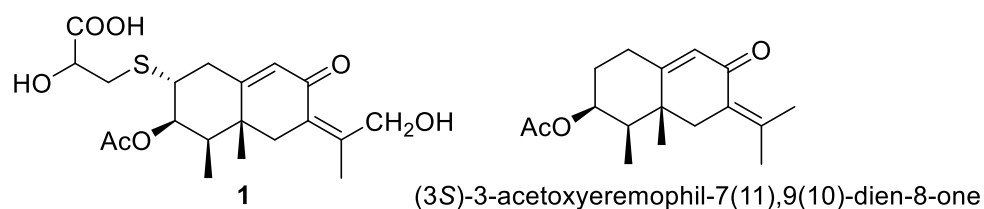


Figure S19: ^{13}C NMR spectrum of **9** in CDCl_3 (100 MHz)

Table S1: Comparison of NMR data of **1** and an analog in literature



1		(3S)-3-acetoxyremophil-7(11),9(10)-dien-8-one		
No.	δ_{H}, mult. (<i>J</i> in Hz)	δ_{C}, type	δ_{H}, mult. (<i>J</i> in Hz)	δ_{C}, type
1	β 2.96, d (14.7) α 2.33, d (14.7)	32.3, CH ₂	2.24, m 1.66, m	26.77, CH ₂
2	3.31, br s	44.4, CH	1.89, m 1.75, m	30.41, CH ₂
3	4.89, br s	74.8, CH	4.93, d (3.2)	72.68, CH
4	2.15, m	37.9, CH	1.12, dd (7.2, 3.3)	43.95, CH
5		40.4, C		40.91, C
6	β 2.97, o α 1.98, o	35.7, CH ₂	2.66, d (13.6) 1.81, d (13.6)	41.56, CH ₂
7		127.6, C		127.85, C
8		190.5, C		190.05, C
9	5.72, s	127.4, CH	5.90, s	126.82, CH
10		164.4, C		164.96, C
11		145.4, C		141.96, C
12	4.10 d (13.1)	61.5, CH ₂	1.65, s	22.60, CH ₂
13	1.99, s	17.4, CH ₃	1.54, s	21.57, CH ₃
14	1.05, s	17.9, CH ₃	1.01, s	18.07, CH ₃
15	0.94, d (6.9)	11.1, CH ₃	0.73, s	11.14, CH ₃
1'	2.92, m	35.7, CH ₂		
2'	4.08, m	70.2, CH		
3'		173.9, C		
1''	2.08, s	20.8, CH ₃	2.27, s	20.36, CH ₃
2''		169.9, C		169.2, C