Supporting Information

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A New Monoterpene Rhamnoside from *Cercis glabra* Legumes

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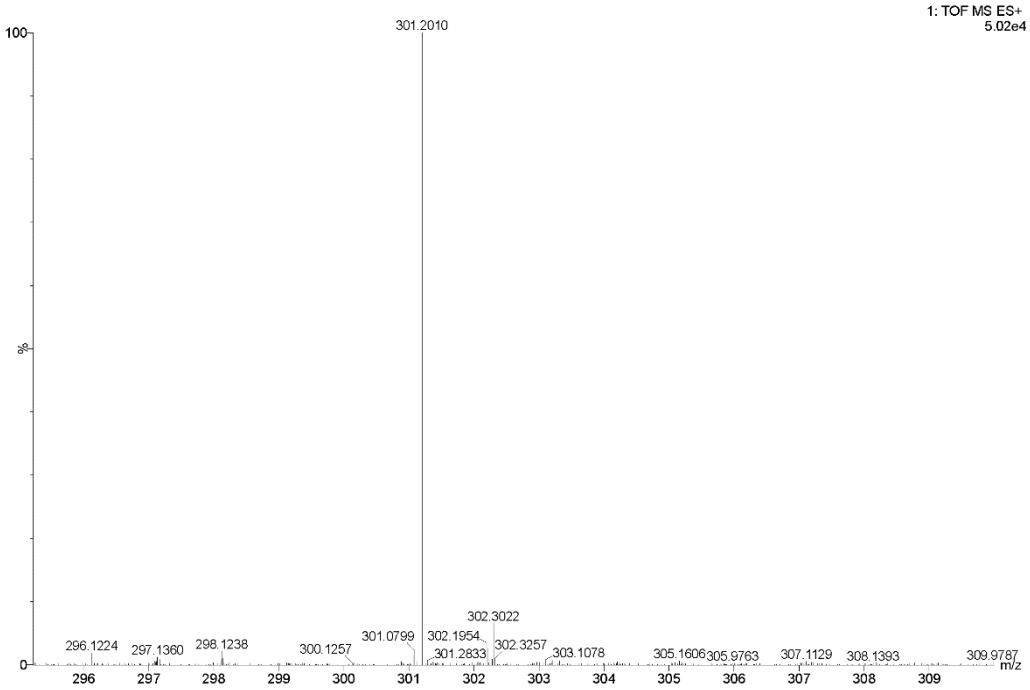
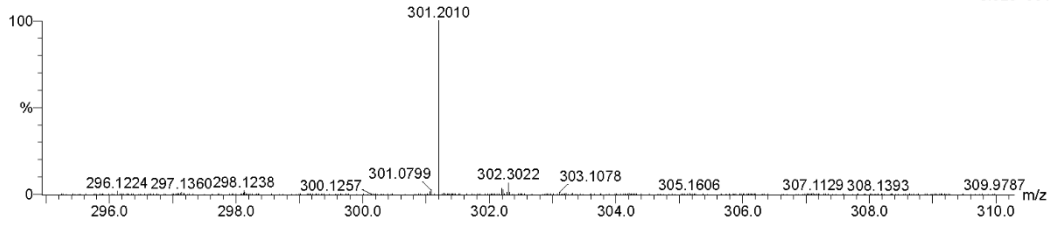


Elemental Composition Report **Page 1**

Single Mass Analysis
Tolerance = 10.0 PPM / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions
13 formula(e) evaluated with 1 results within limits (up to 50 best isotopic matches for each mass)
Elements Used:
C: 5-18 H: 5-80 O: 3-7

1: TOF MS ES+
5.02e+004



Minimum:				-1.5				
Maximum:		5.0	10.0	50.0				
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula
301.2010	301.2015	-0.5	-1.7	2.5	597.3	n/a	n/a	C16 H29 O5

Figure S1: HR-ESI-MS spectrum of **1**

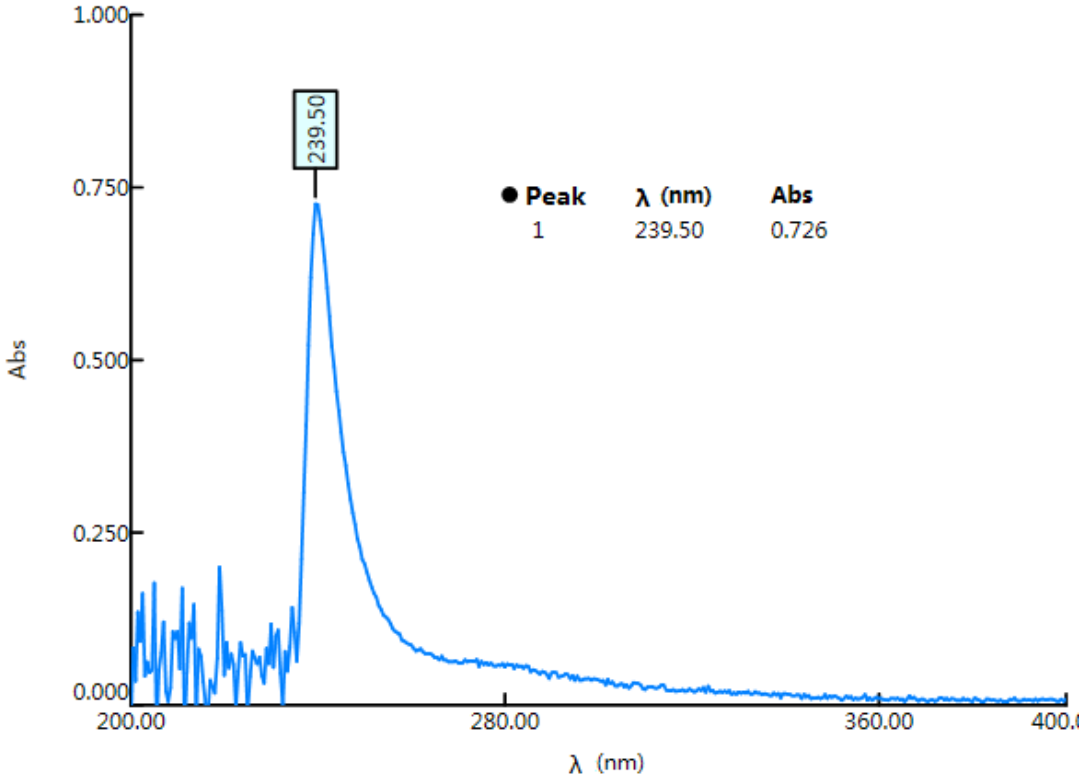


Figure S2: UV spectrum of **1** in $CHCl_3$

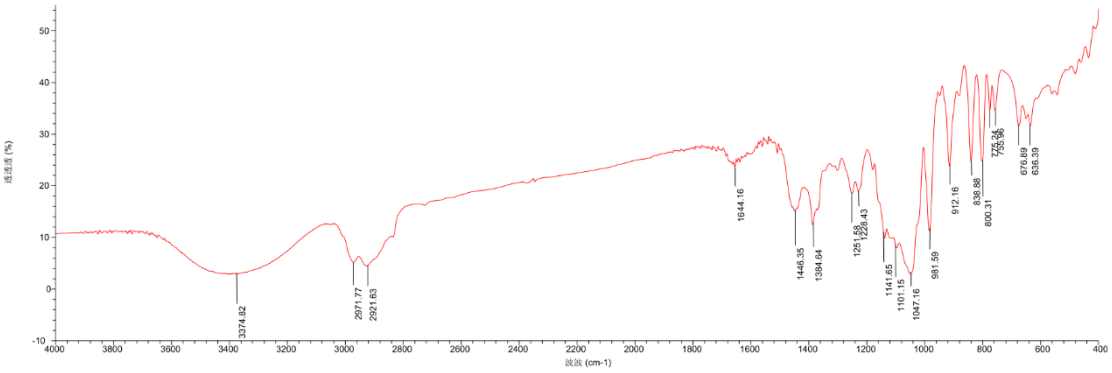


Figure S3: IR spectrum of **1**

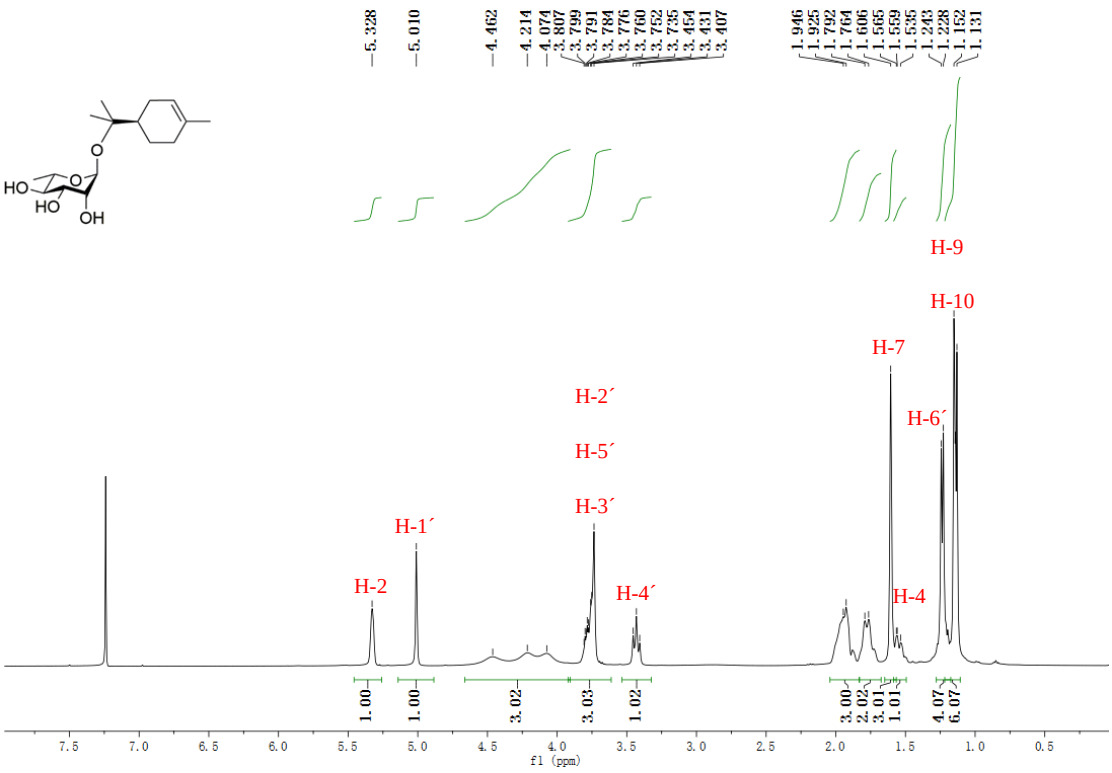


Figure S4: ^{1}H NMR spectrum (400 MHz) of **1** in $CDCl_3$

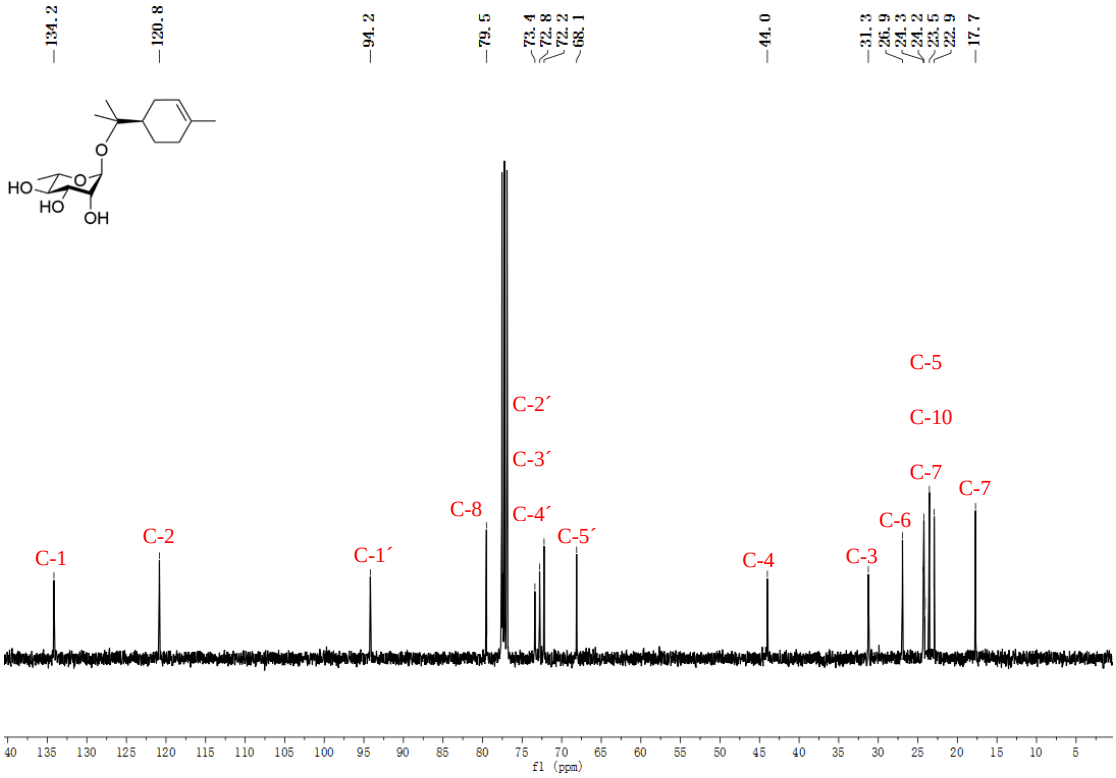


Figure S5: ^{13}C NMR spectrum (100 MHz) of **1** in $CDCl_3$

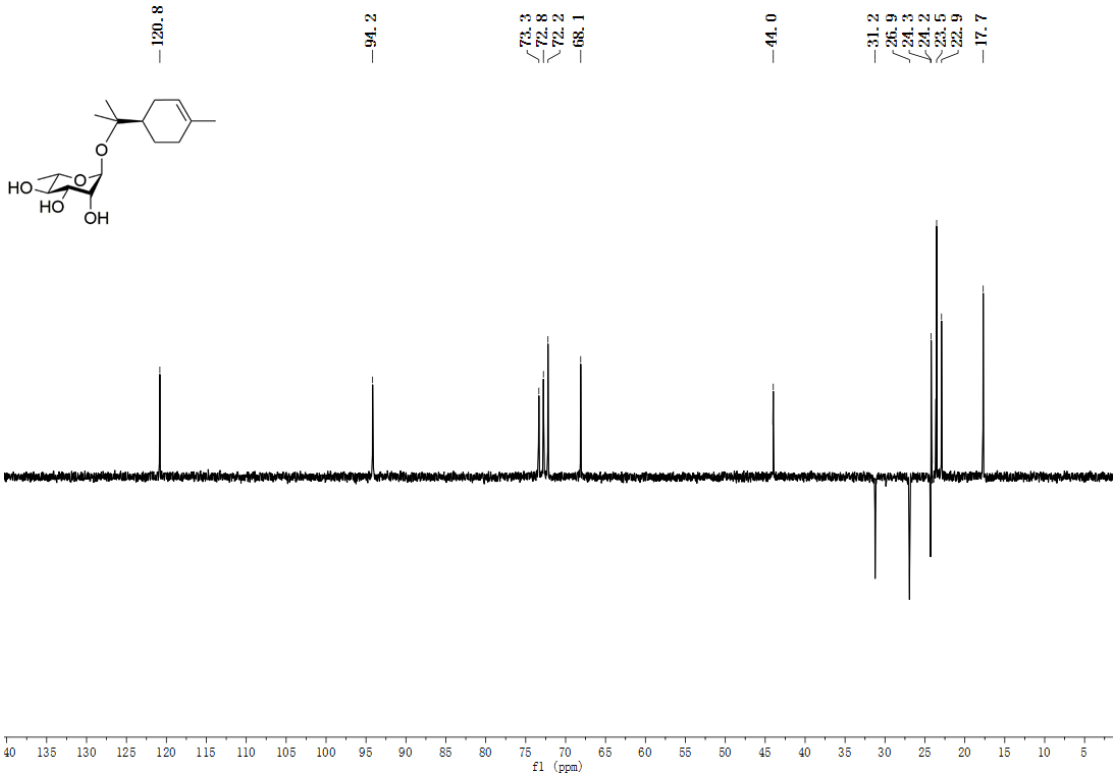


Figure S6: DEPT 135 spectrum of **1** in $CDCl_3$

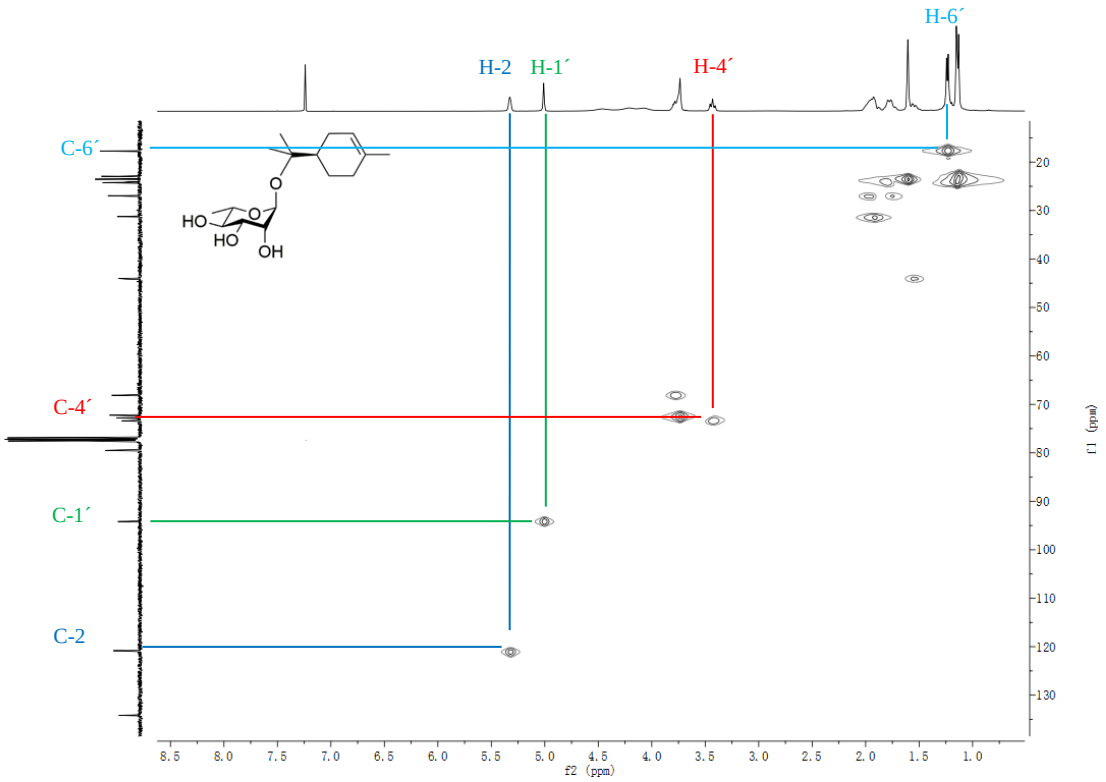


Figure S7: HSQC spectrum of **1** in $CDCl_3$

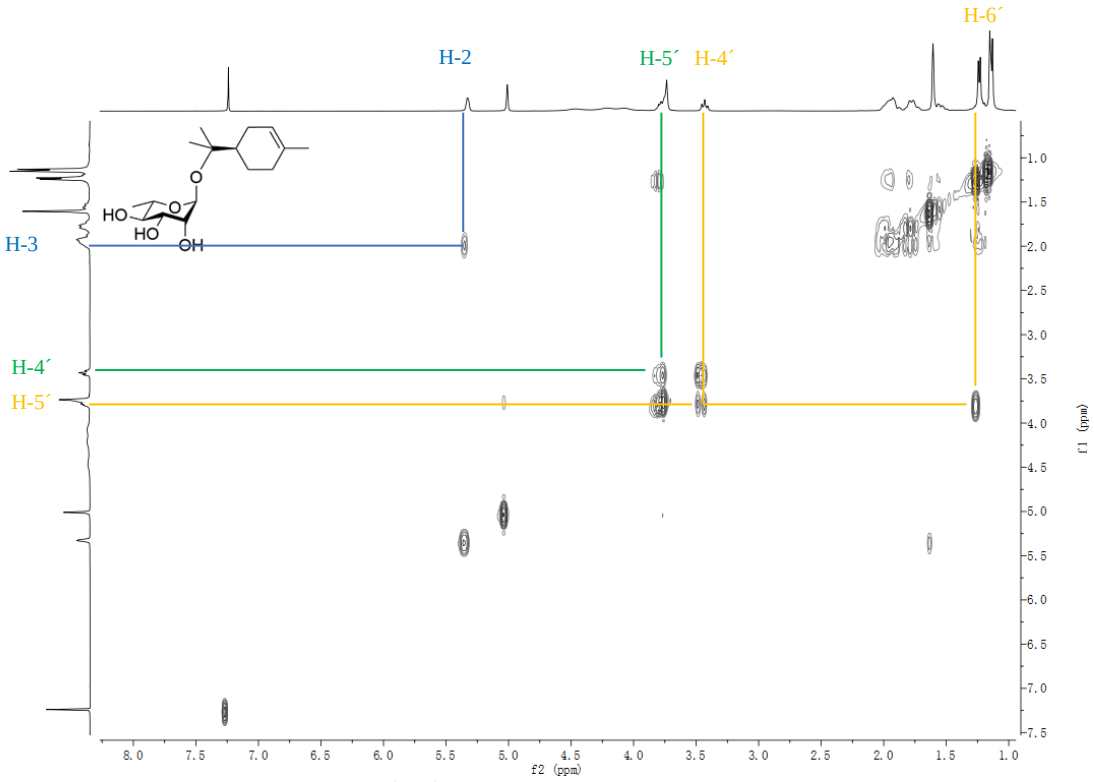


Figure S8: ^{1}H-^{1}H COSY spectrum of **1** in $CDCl_3$

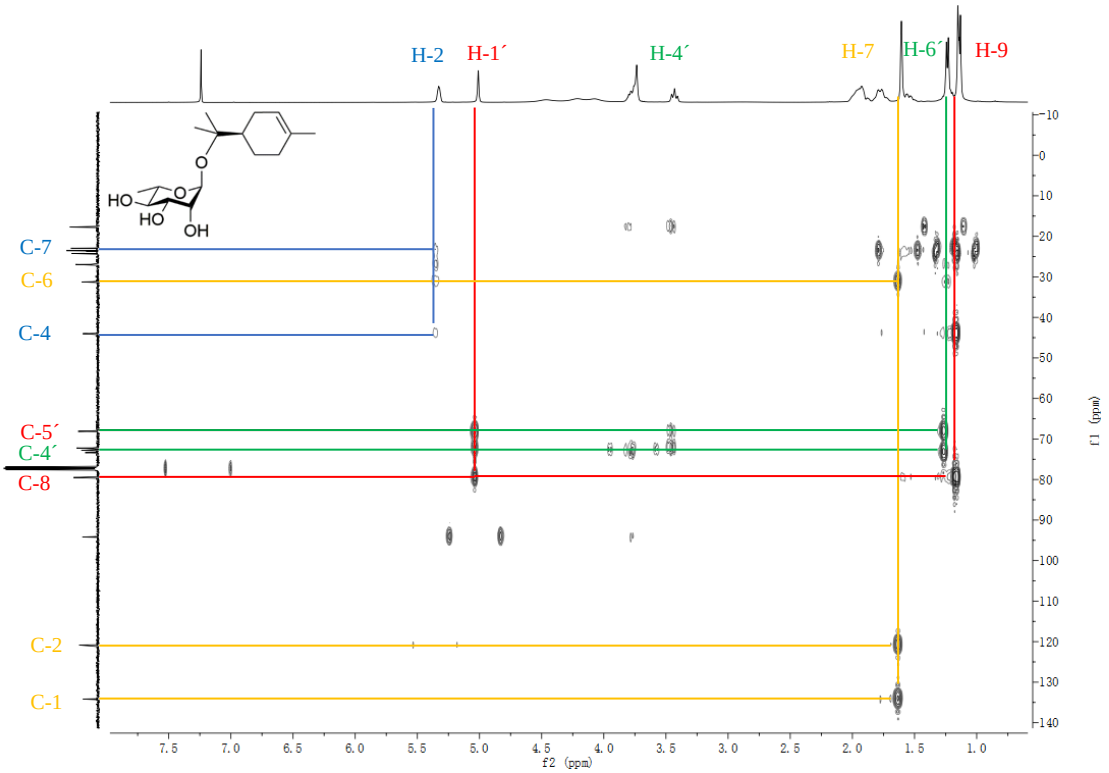


Figure S9: HMBC spectrum of **1** in $CDCl_3$

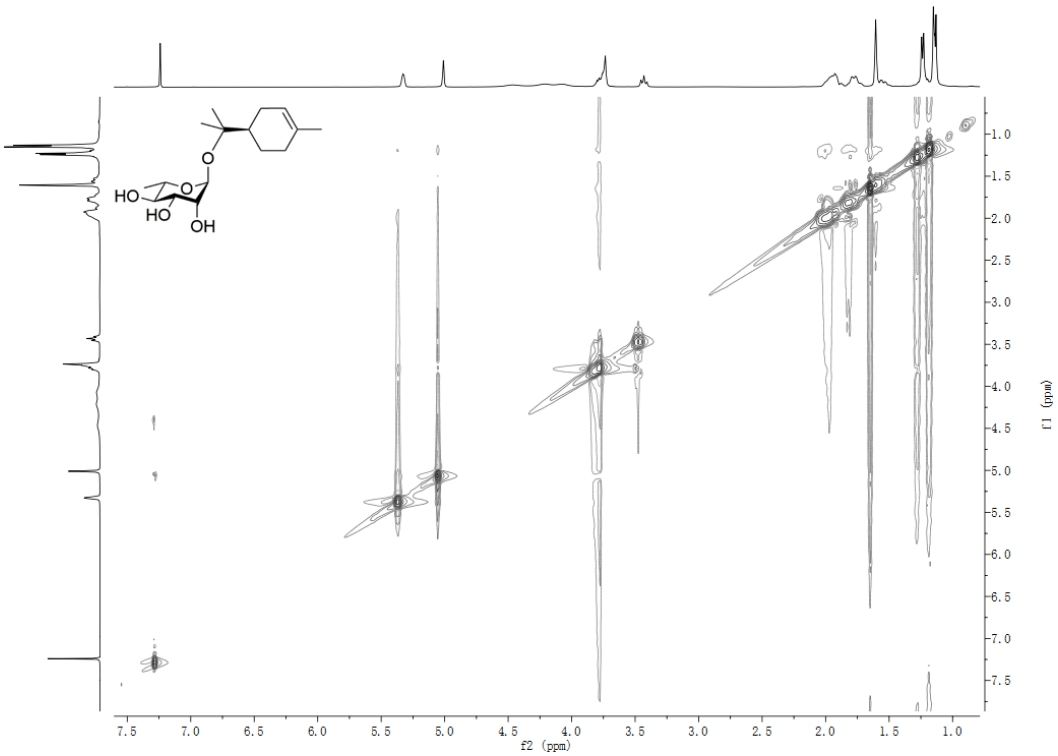


Figure S10: NOESY spectrum of **1** in $CDCl_3$

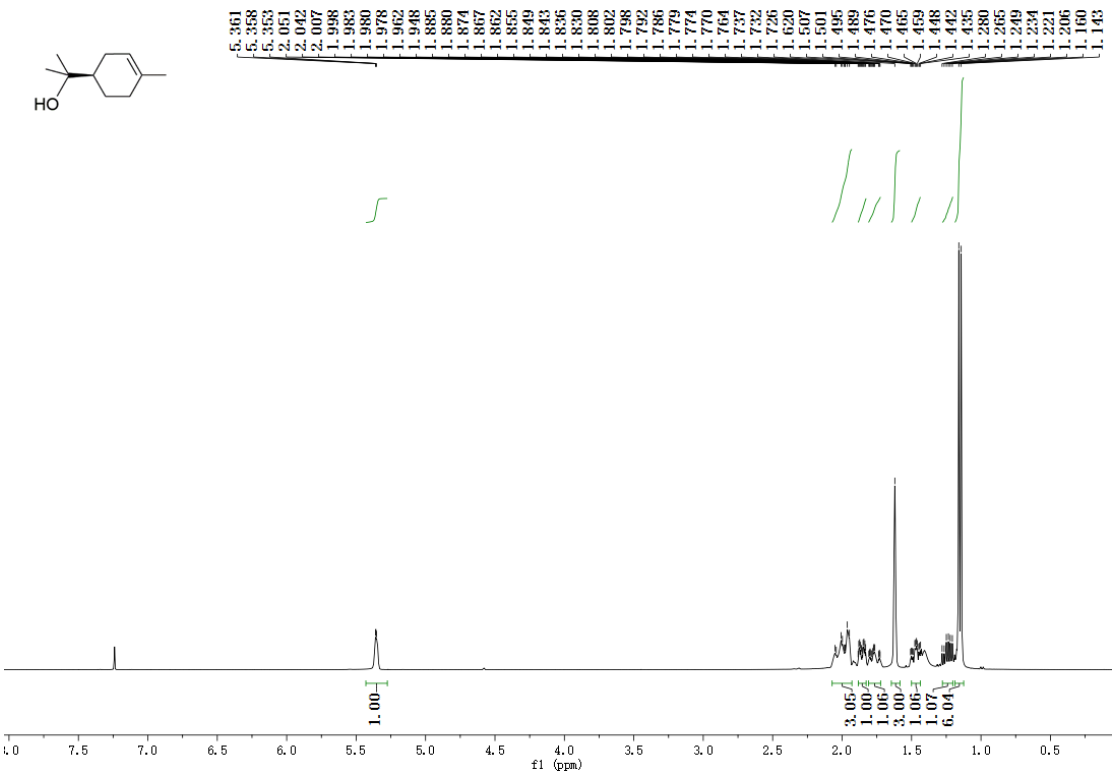


Figure S11: ^{1}H NMR spectrum (400 MHz) of **1a** in $CDCl_3$

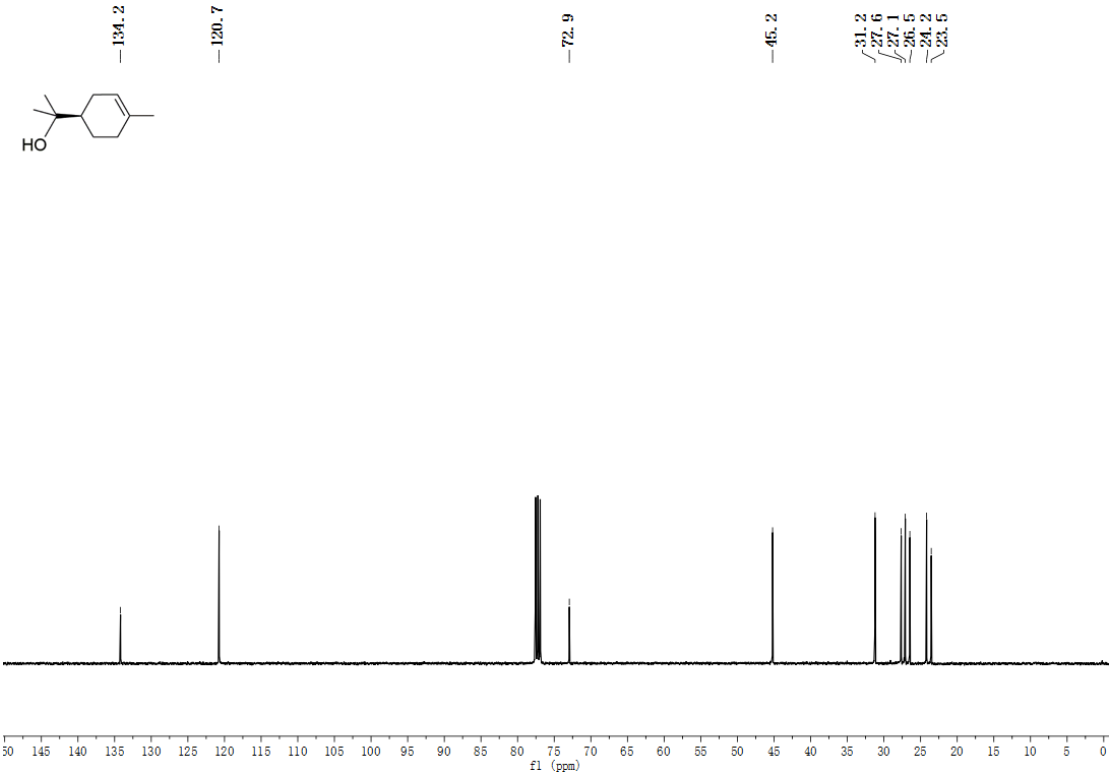


Figure S12: ^{13}C NMR spectrum (100 MHz) of **1a** in $CDCl_3$

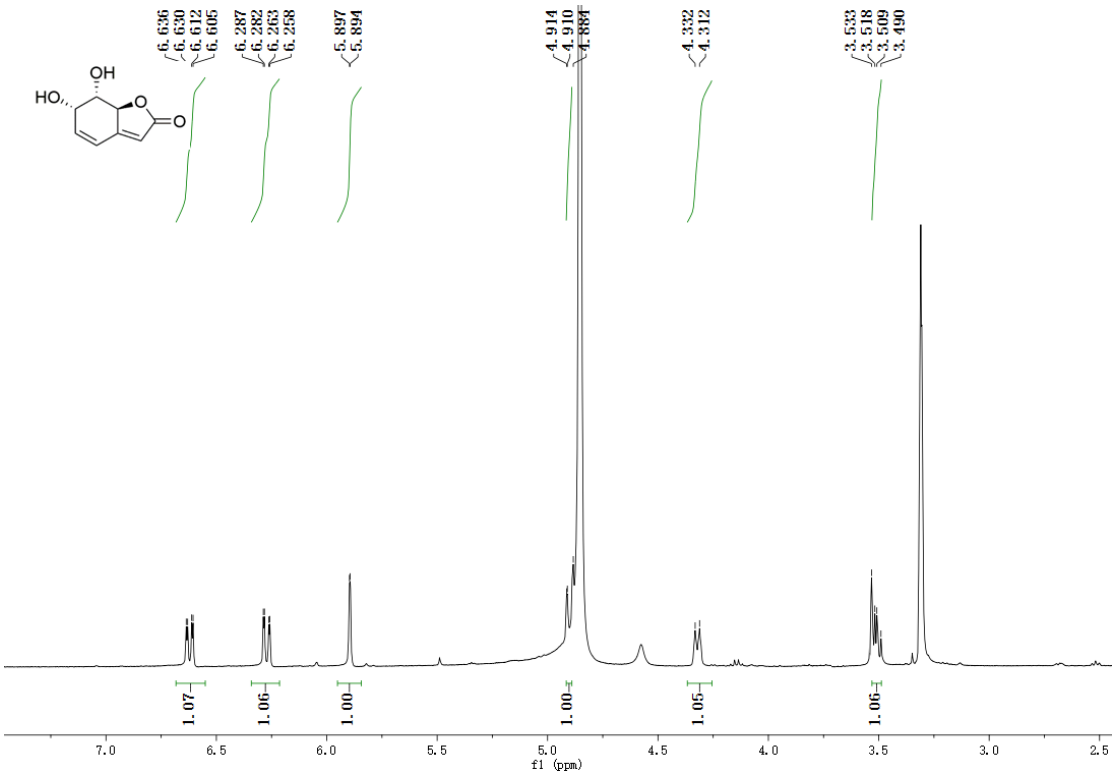


Figure S13: ^{1}H NMR spectrum (400 MHz) of **2** in CD_3OD

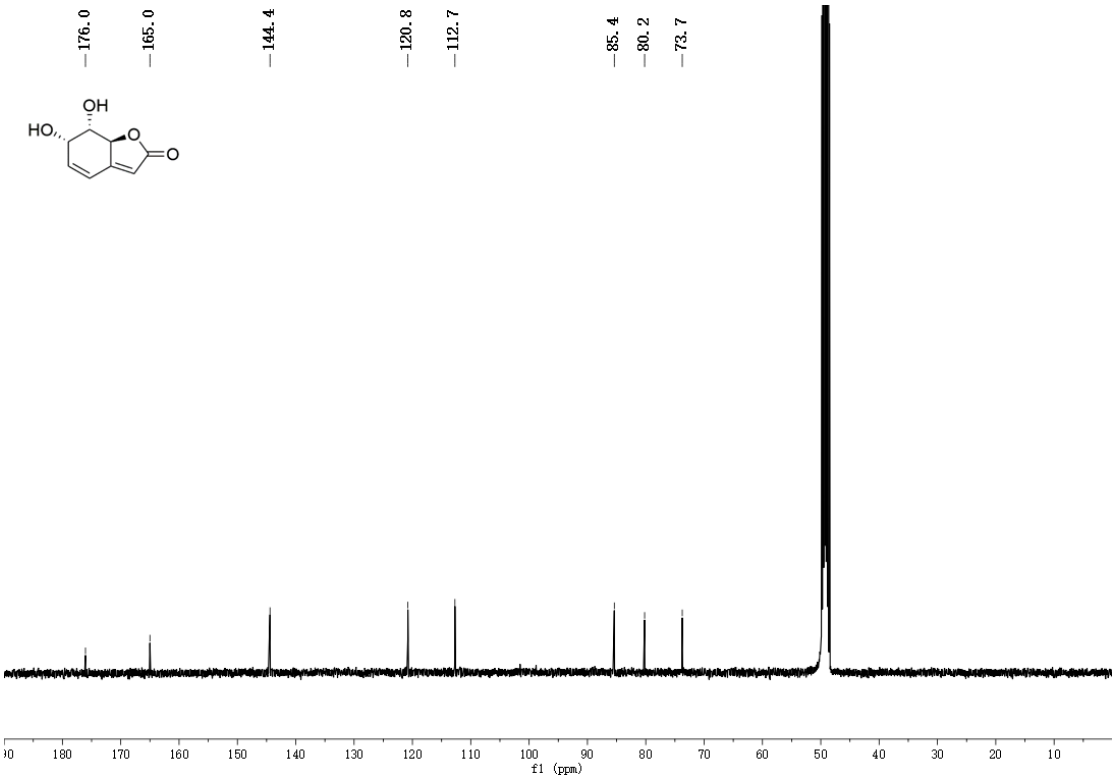


Figure S14: ^{13}C NMR spectrum (100 MHz) of **2** in CD_3OD

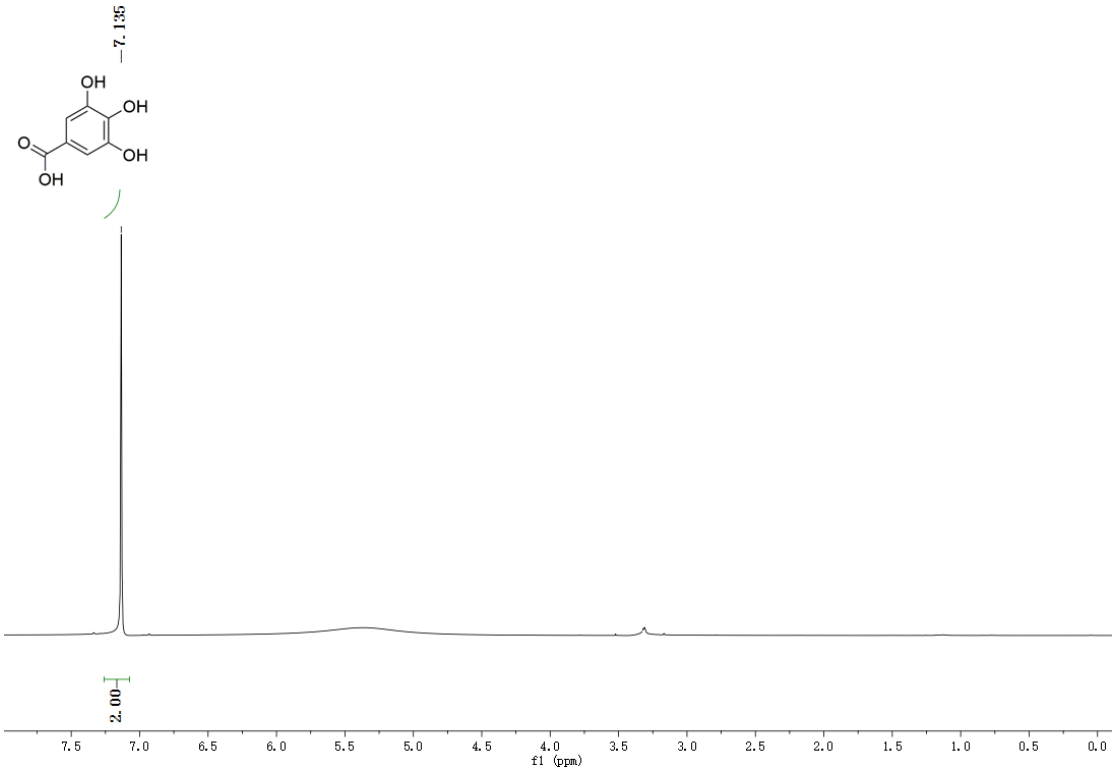


Figure S15: ^{1}H NMR spectrum (400 MHz) of **3** in CD_3OD

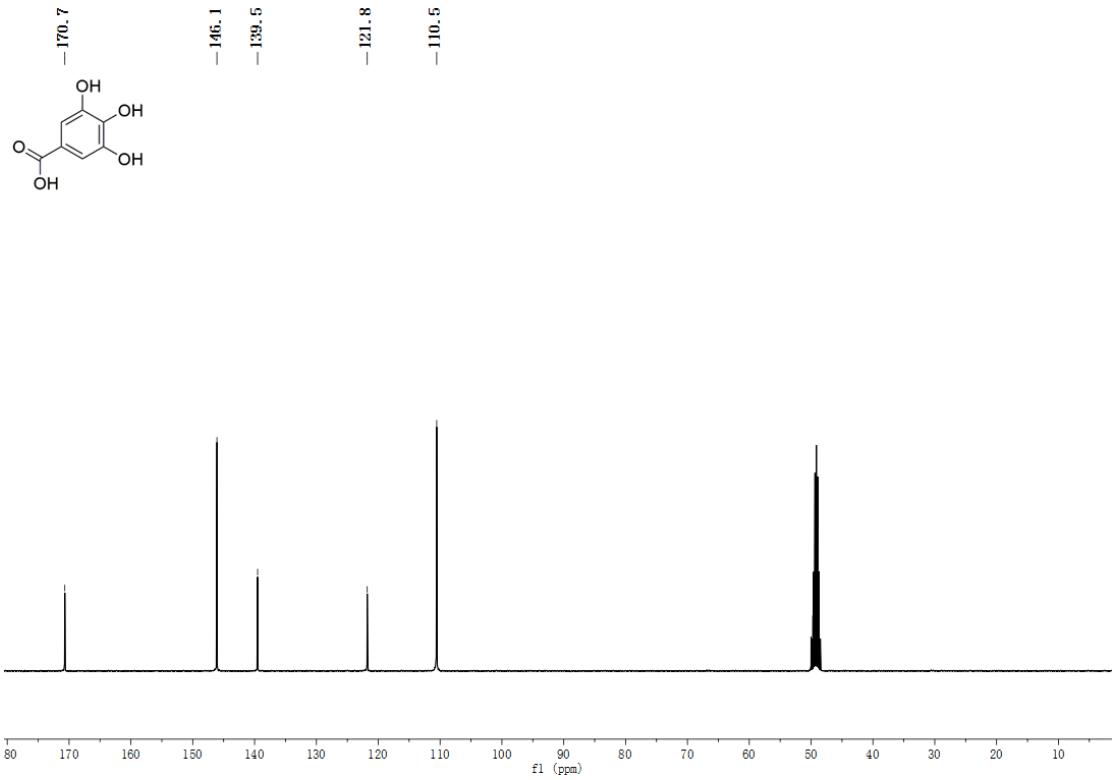


Figure S16: ^{13}C NMR spectrum (100 MHz) of **3** in CD_3OD

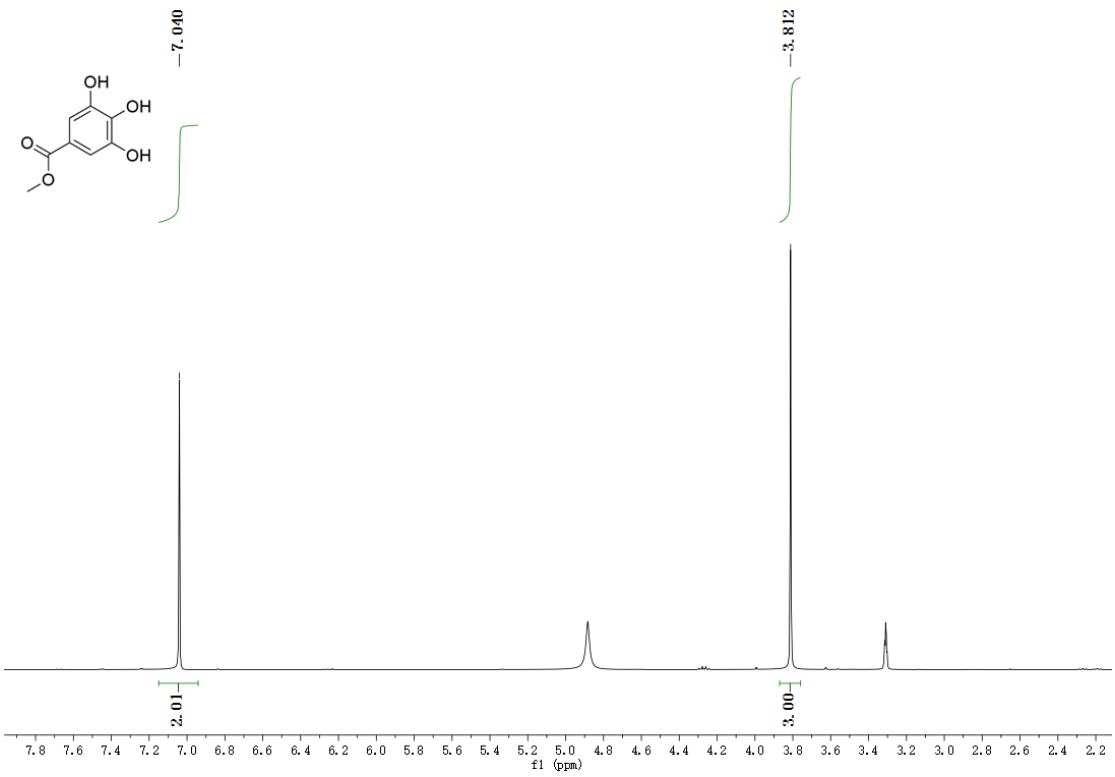


Figure S17: ^{1}H NMR spectrum (400 MHz) of **4** in CD_3OD

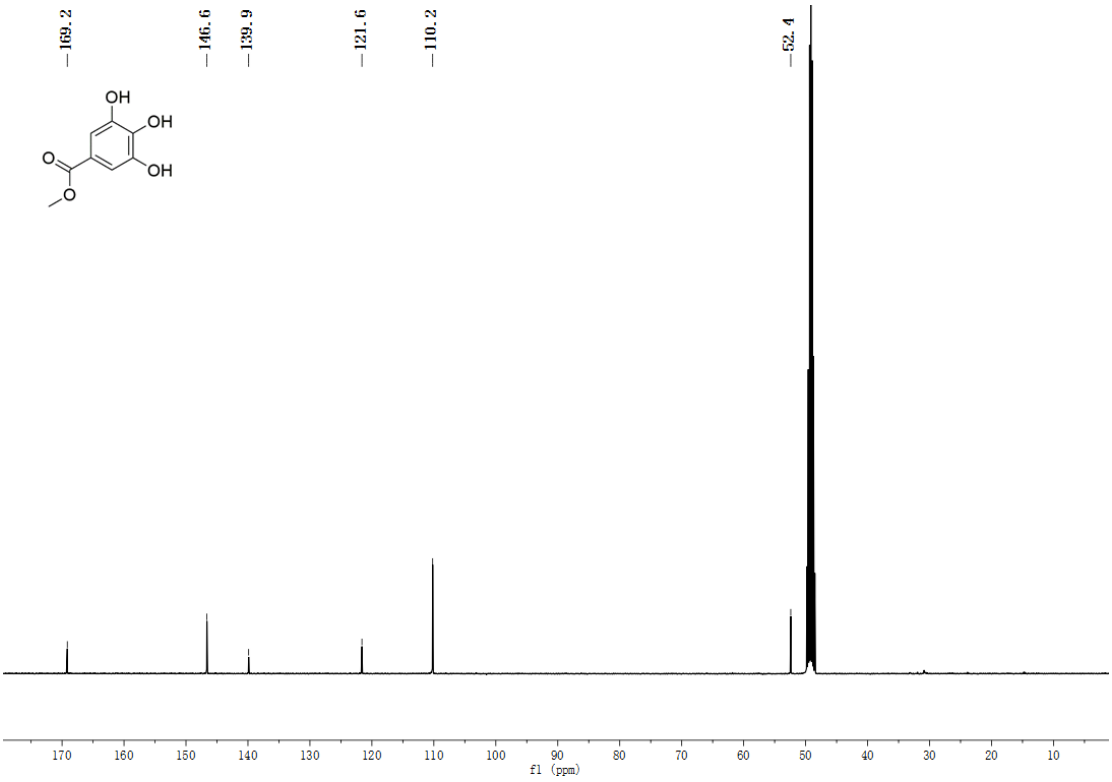


Figure S18: ^{13}C NMR spectrum (100 MHz) of **4** in CD_3OD

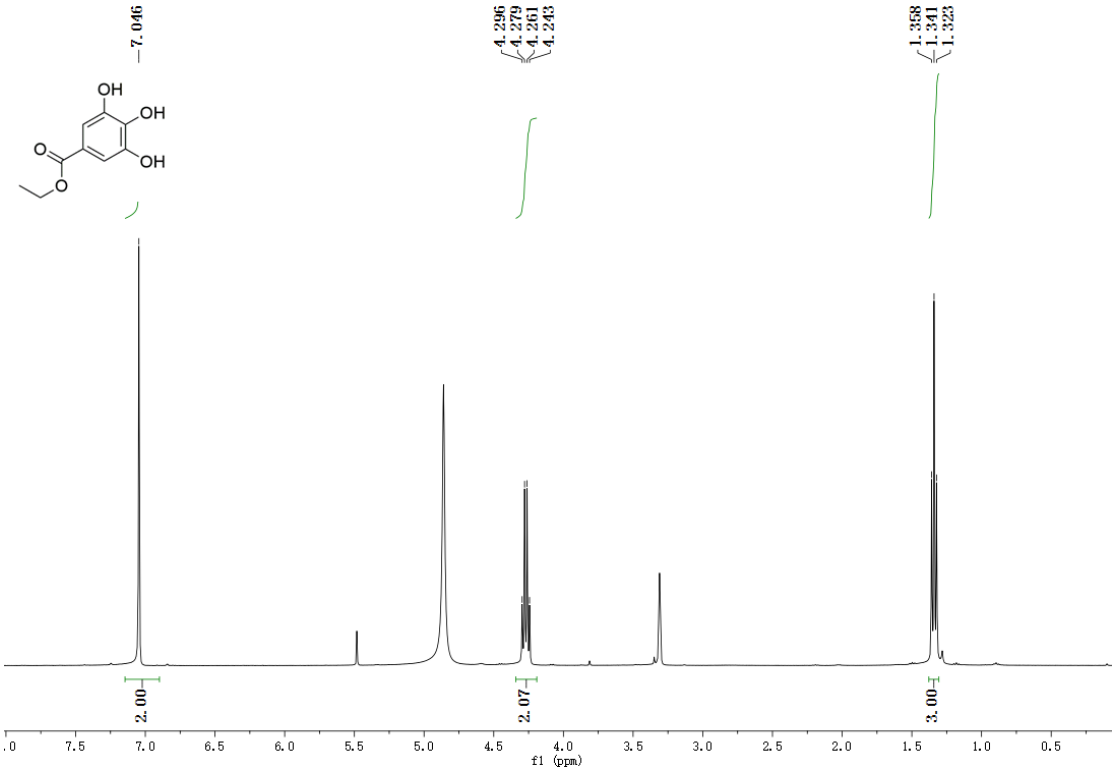


Figure S19: ^{1}H NMR spectrum (400 MHz) of **5** in CD_3OD

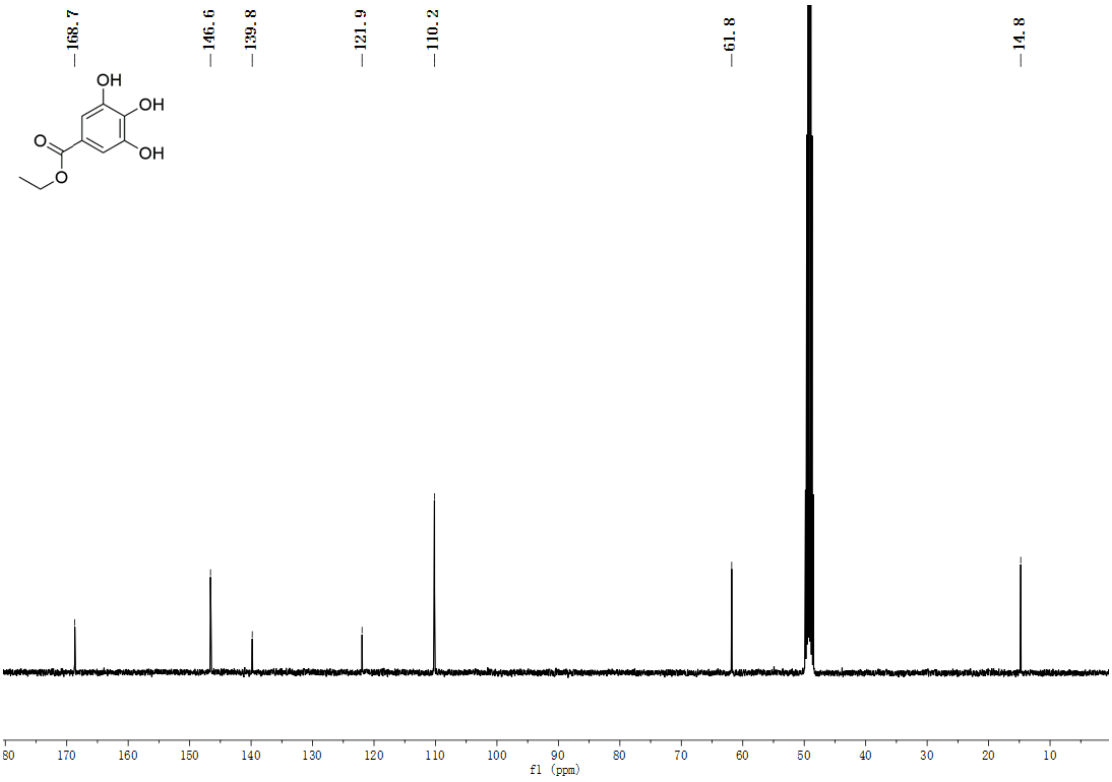


Figure S20: ^{13}C NMR spectrum (100 MHz) of **5** in CD_3OD

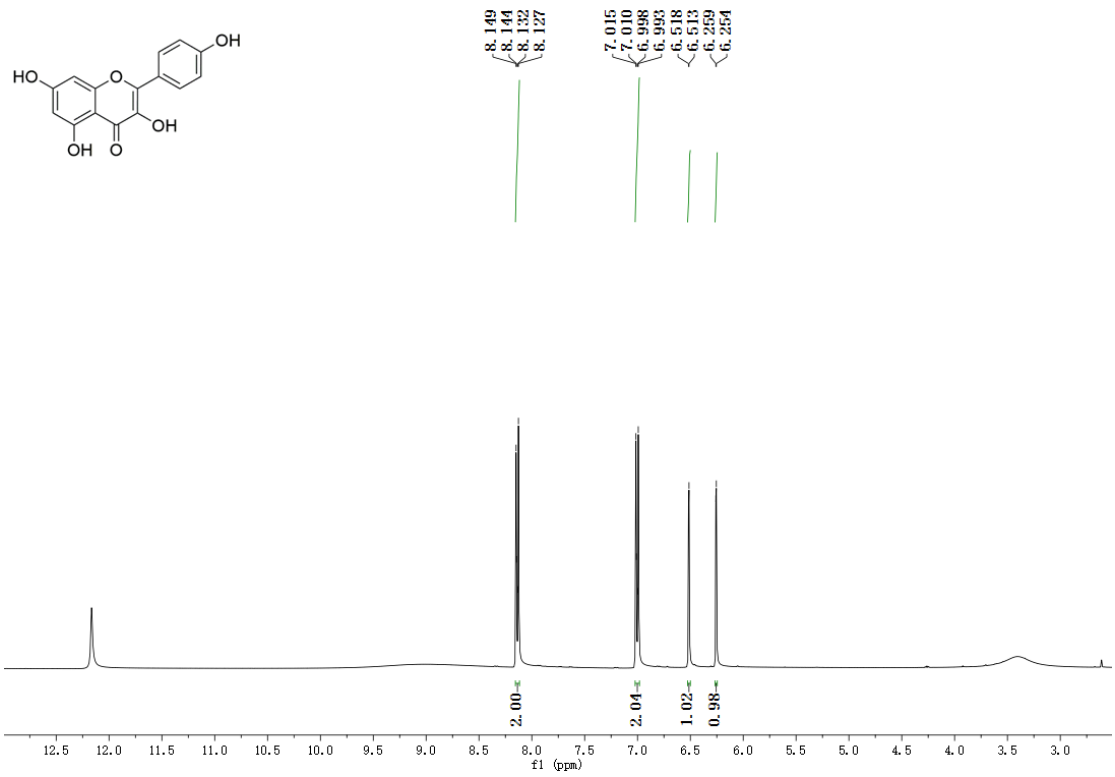


Figure S21: ^{1}H NMR spectrum (400 MHz) of **6** in CD_3COCD_3

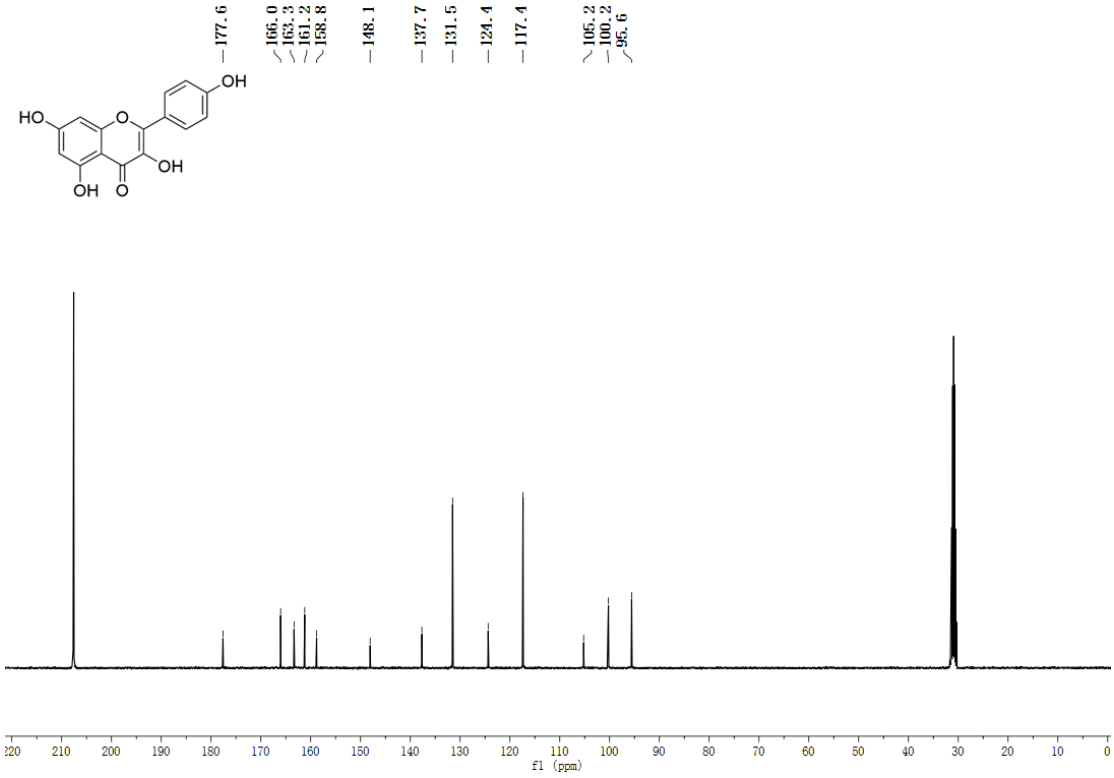


Figure S22: ^{13}C NMR spectrum (100 MHz) of **6** in CD_3COCD_3

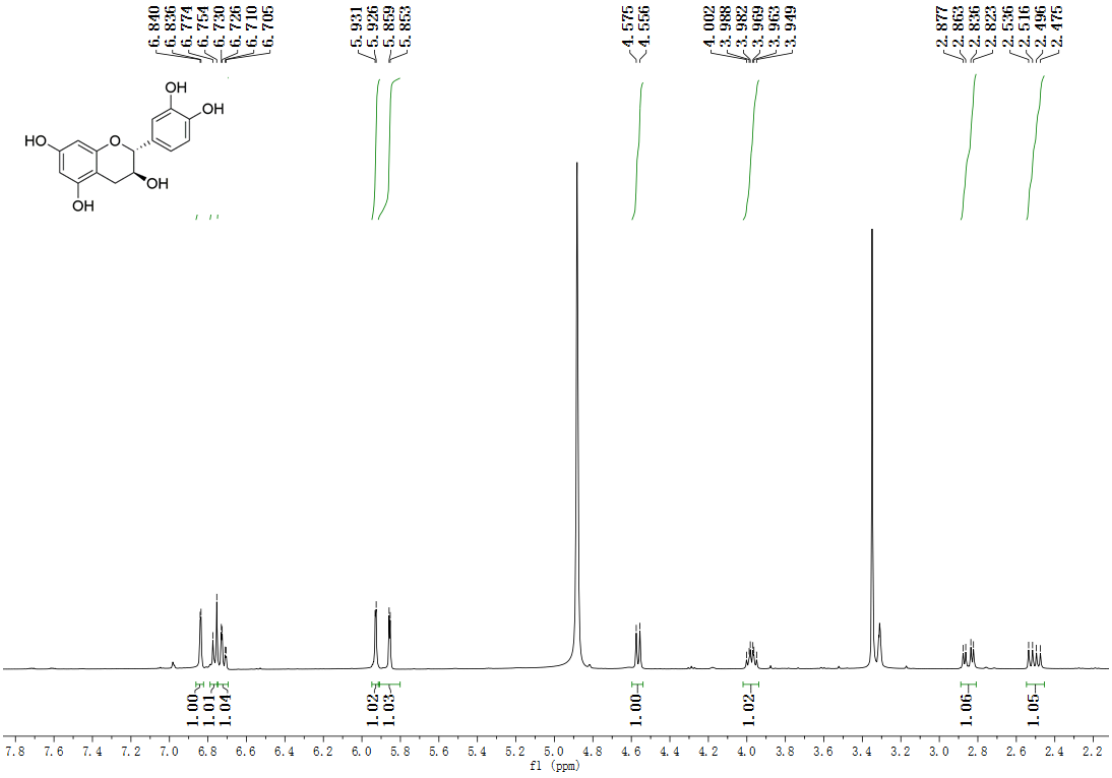


Figure S23: ^{1}H NMR spectrum (400 MHz) of **7** in CD_3OD

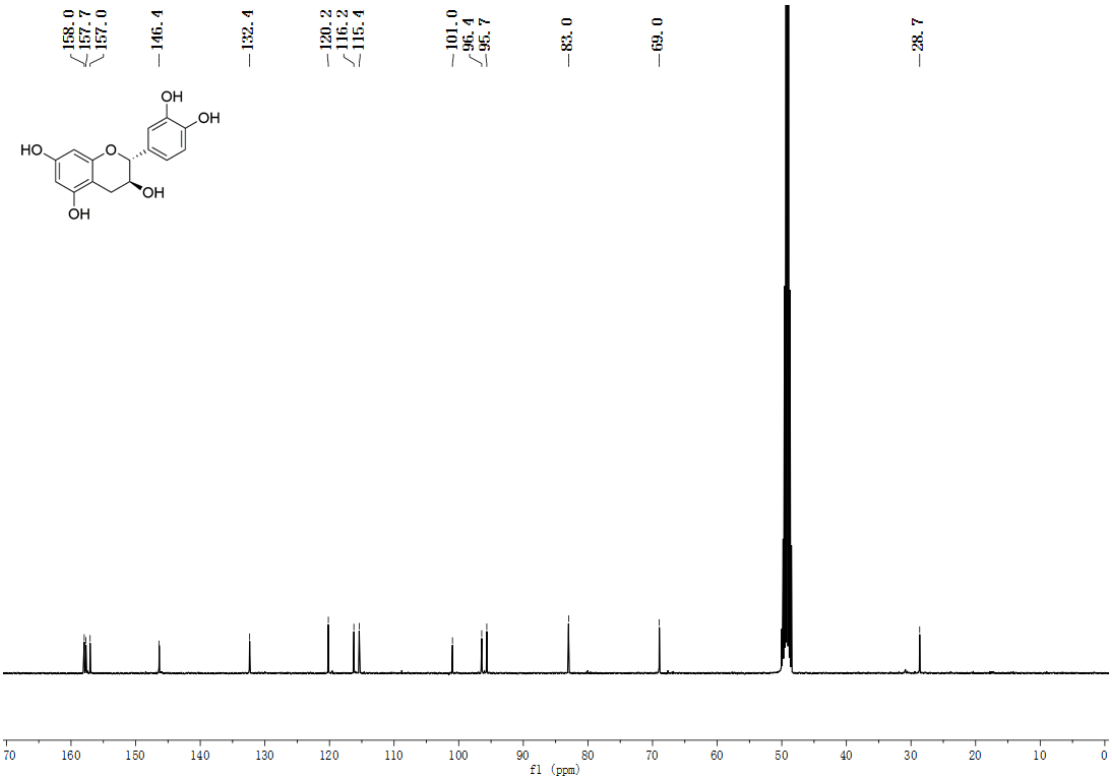


Figure S24: ^{13}C NMR spectrum (100 MHz) of **7** in CD_3OD

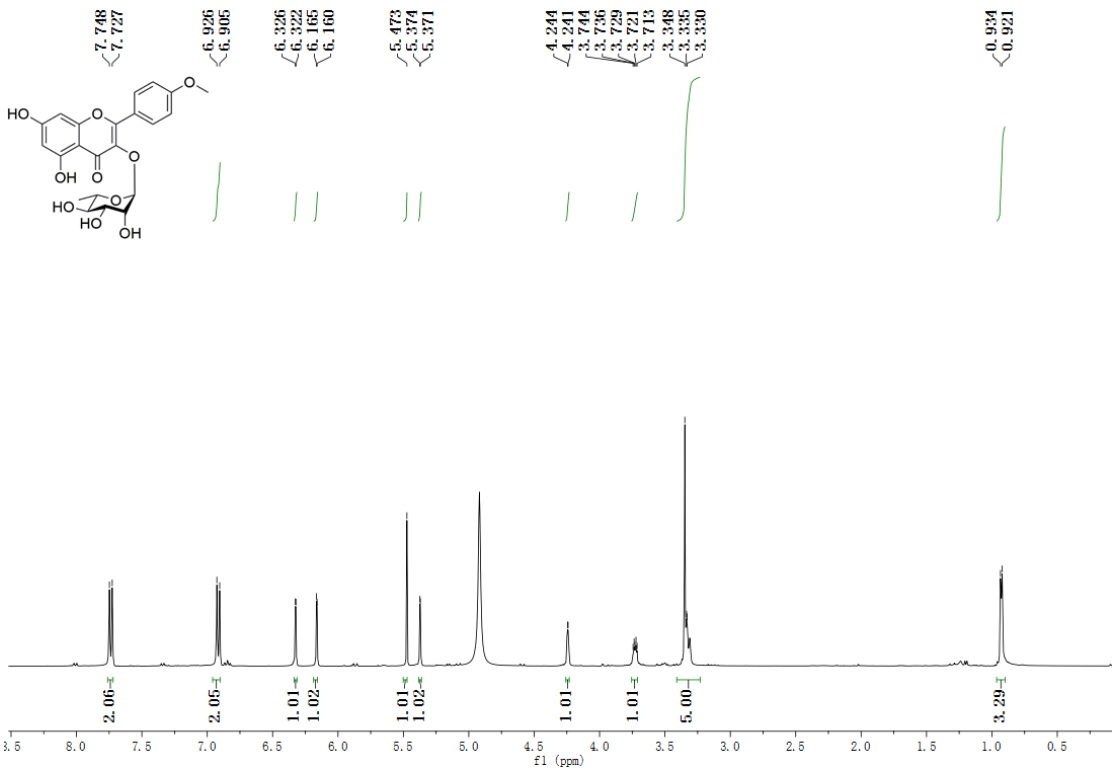


Figure S25: ^{1}H NMR spectrum (400 MHz) of **8** in CD_3OD

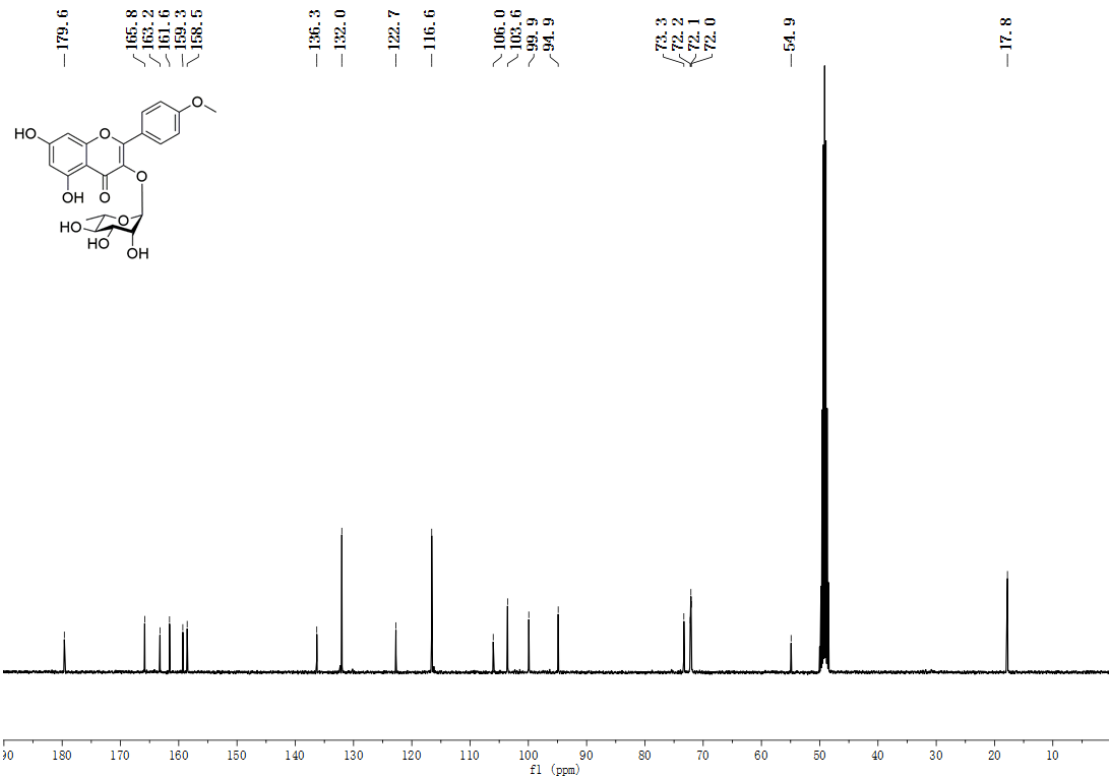


Figure S26: ^{13}C NMR spectrum (100 MHz) of **8** in CD_3OD

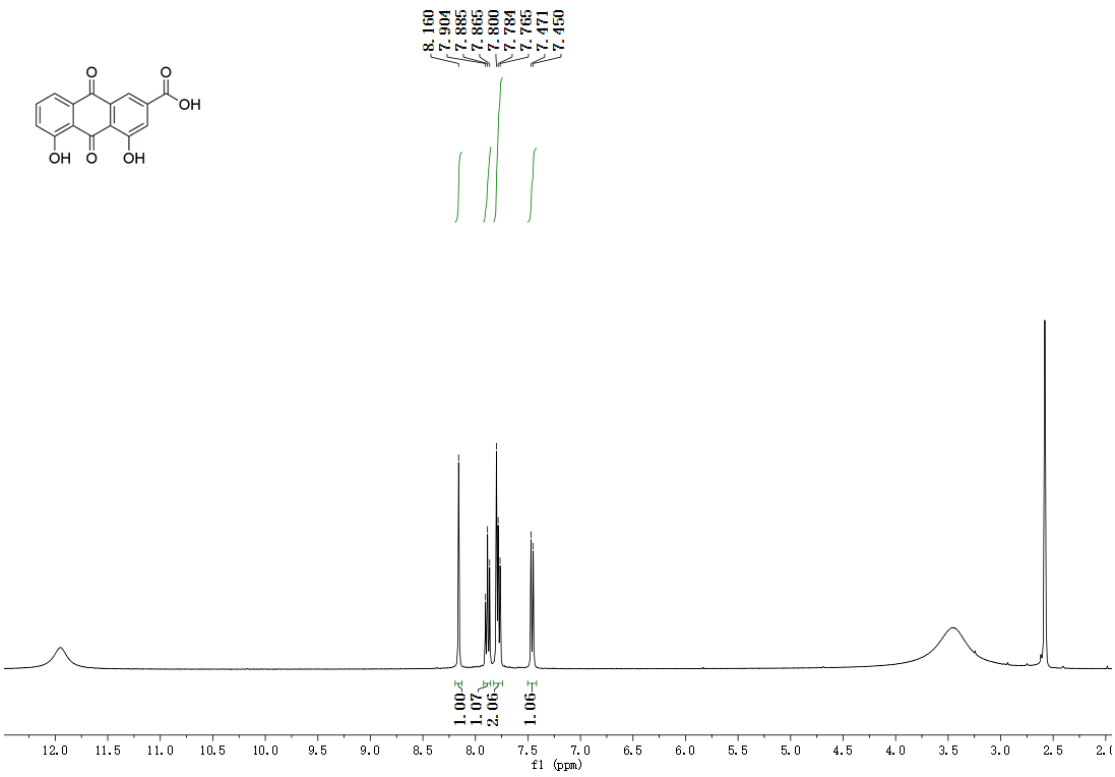


Figure S27: ^{1}H NMR spectrum (400 MHz) of **9** in DMSO-d_6

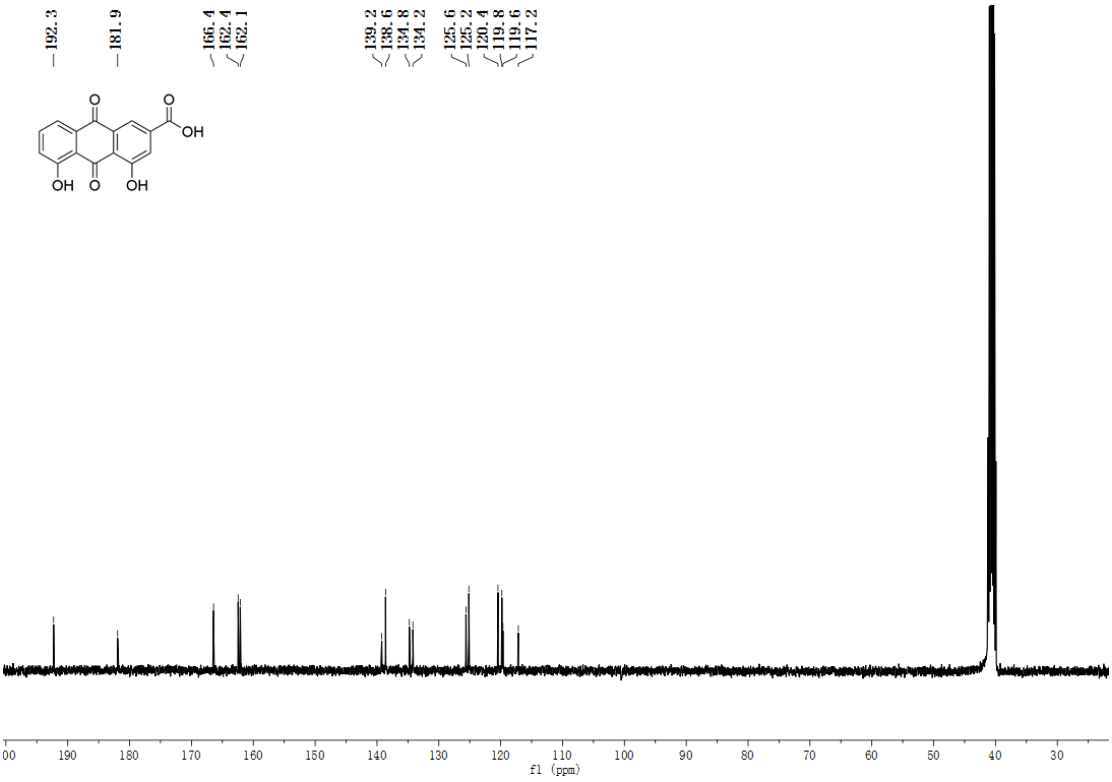


Figure S28: ^{13}C NMR spectrum (100 MHz) of **9** in DMSO-d_6

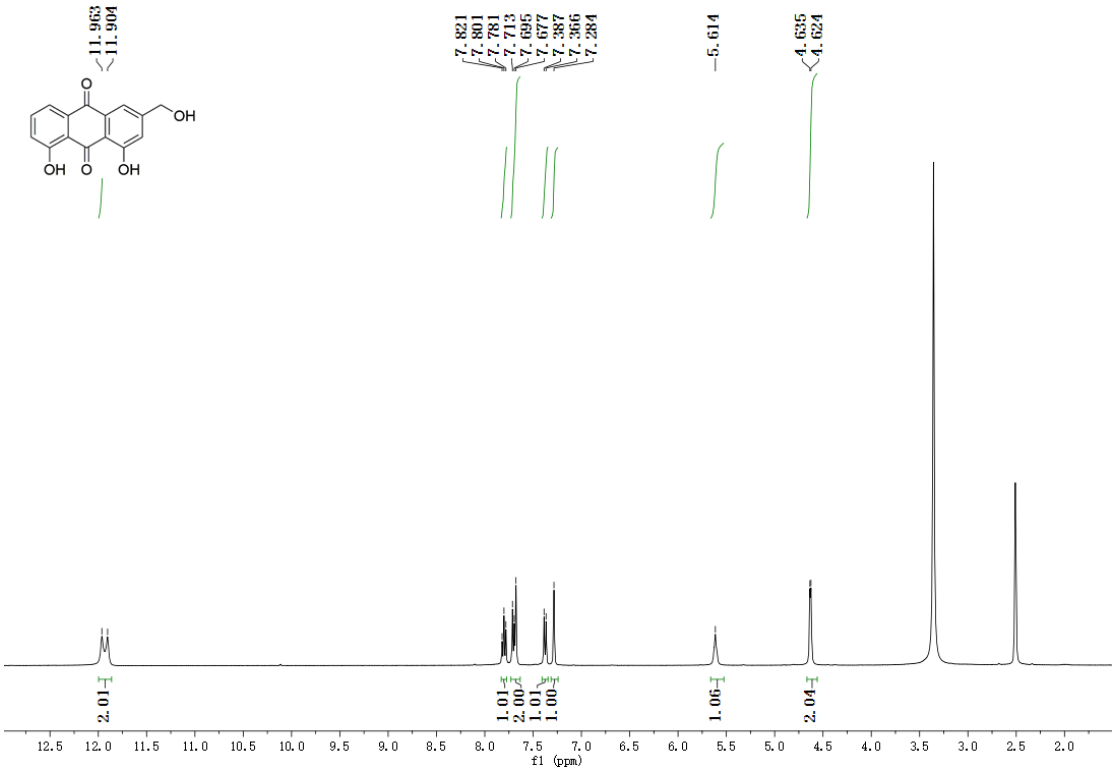


Figure S29: ^{1}H NMR spectrum (400 MHz) of **10** in DMSO-d_6

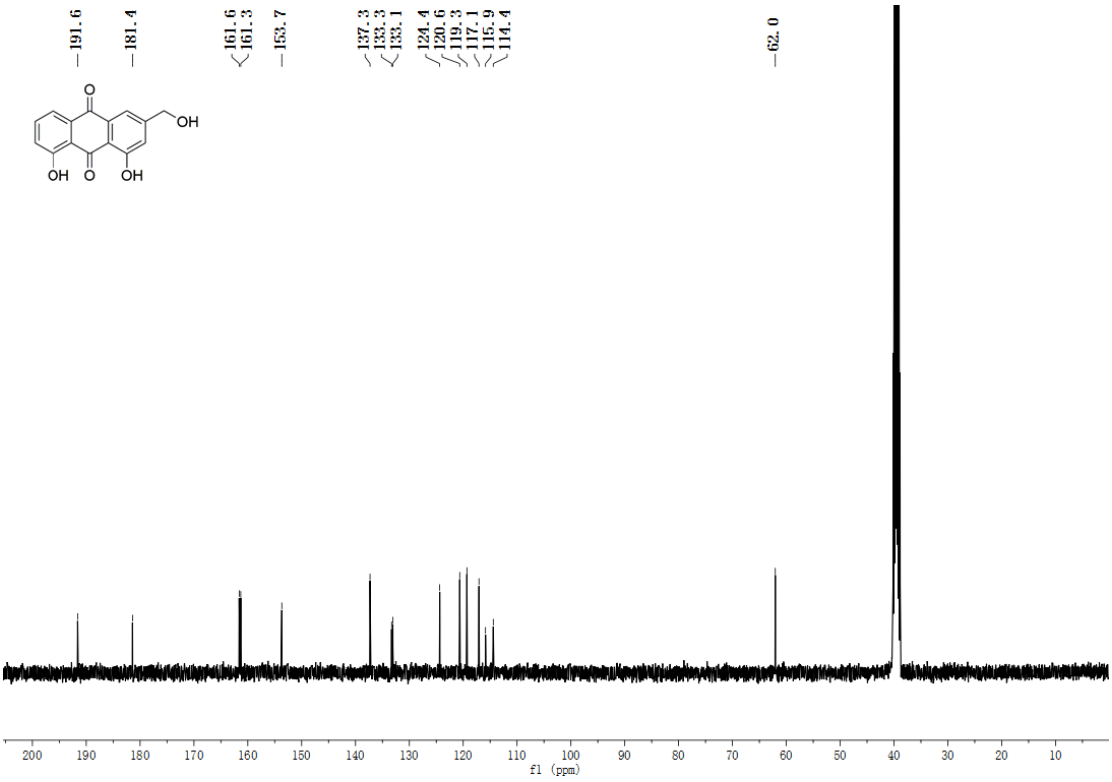


Figure S30: ^{13}C NMR spectrum (100 MHz) of **10** in DMSO-d_6

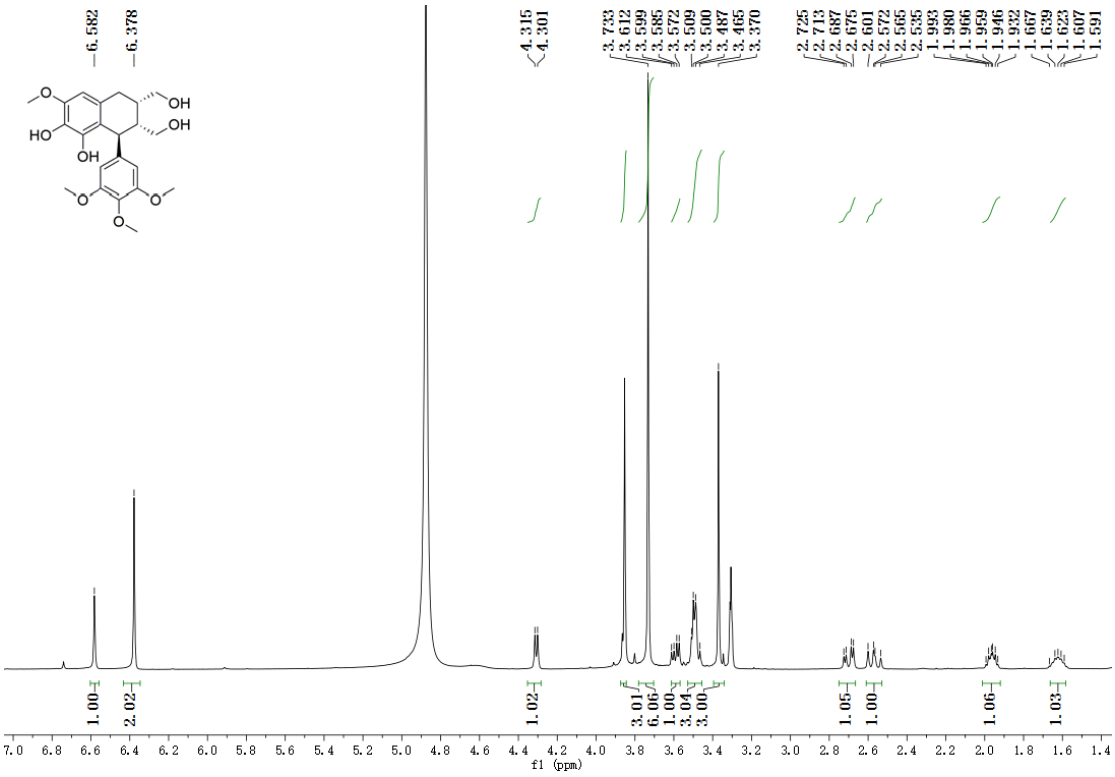


Figure S31: ^{1}H NMR spectrum (400 MHz) of **11** in CD_3OD

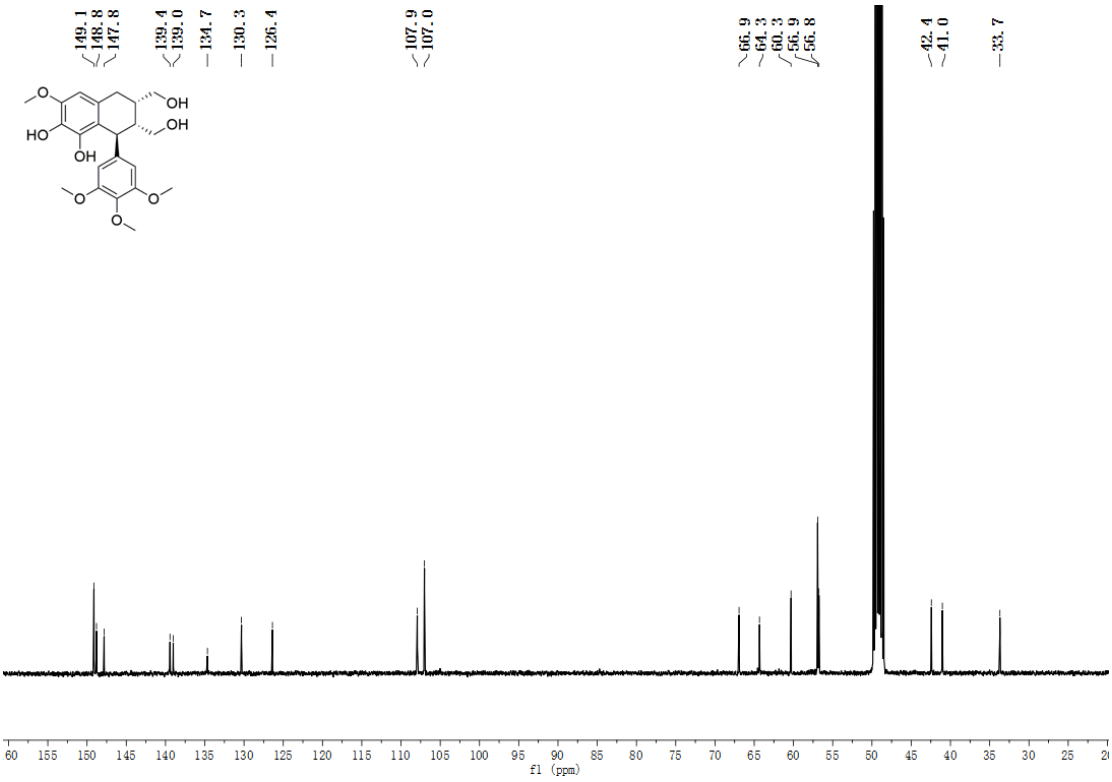


Figure S32: ^{13}C NMR spectrum (100 MHz) of **11** in CD_3OD