Mar. Drugs **2012**, *10*, 1-x manuscripts; doi:10.3390/md100x000x

OPEN ACCESS

Marine Drugs

ISSN 1660-3397

www.mdpi.com/journal/marinedrugs

Supplementary Materials

Figure S1. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of aspergiterpenoid A (**1**)

Figure S2. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of aspergiterpenoid A (**1**)

Figure S3. ^{1}H–^{1}H COSY spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

Figure S4. HMBC spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

Figure S5. HMQC spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

Figure S6. APCI mass spectrum of aspergiterpenoid A (**1**)

Figure S7. HREI mass spectrum of aspergiterpenoid A (**1**)

Figure S8. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (-)-sydonol (**2**)

Figure S9. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of (-)-sydonol (**2**)

Figure S10. HREI mass spectrum of (-)-sydonol (**2**)

Figure S11. ^{1}H NMR spectrum (600 MHz, DMSO) of (-)-sydonic acid (**3**)

Figure S12. ^{13}C NMR spectrum (150 MHz, DMSO) of (-)-sydonic acid (**3**)

Figure S13. HREI mass spectrum of (-)-sydonic acid (**3**)

Figure S14. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (-)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro-2H-pyran-2-yl)phenol (**4**)

Figure S15. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of (-)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro-2H-pyran-2-yl)phenol (**4**)

Figure S16. HRESI mass spectrum of (-)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro -2H-pyran-2-yl)phenol (**4**)

Figure S17. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (Z)-5-(hydroxymethyl)-2-(6'-methylhept -2'-en-2'-yl)phenol (**5**)

Figure S18. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of (Z)-5-(hydroxymethyl)-2-(6'-methylhept -2'-en-2'-yl)phenol (**5**)

Figure S19. HRESI mass spectrum of (Z)-5-(hydroxymethyl)-2-(6'-methylhept-2'-en-2'-yl)phenol (**5**)

Figure S1. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of aspergiterpenoid A (**1**)

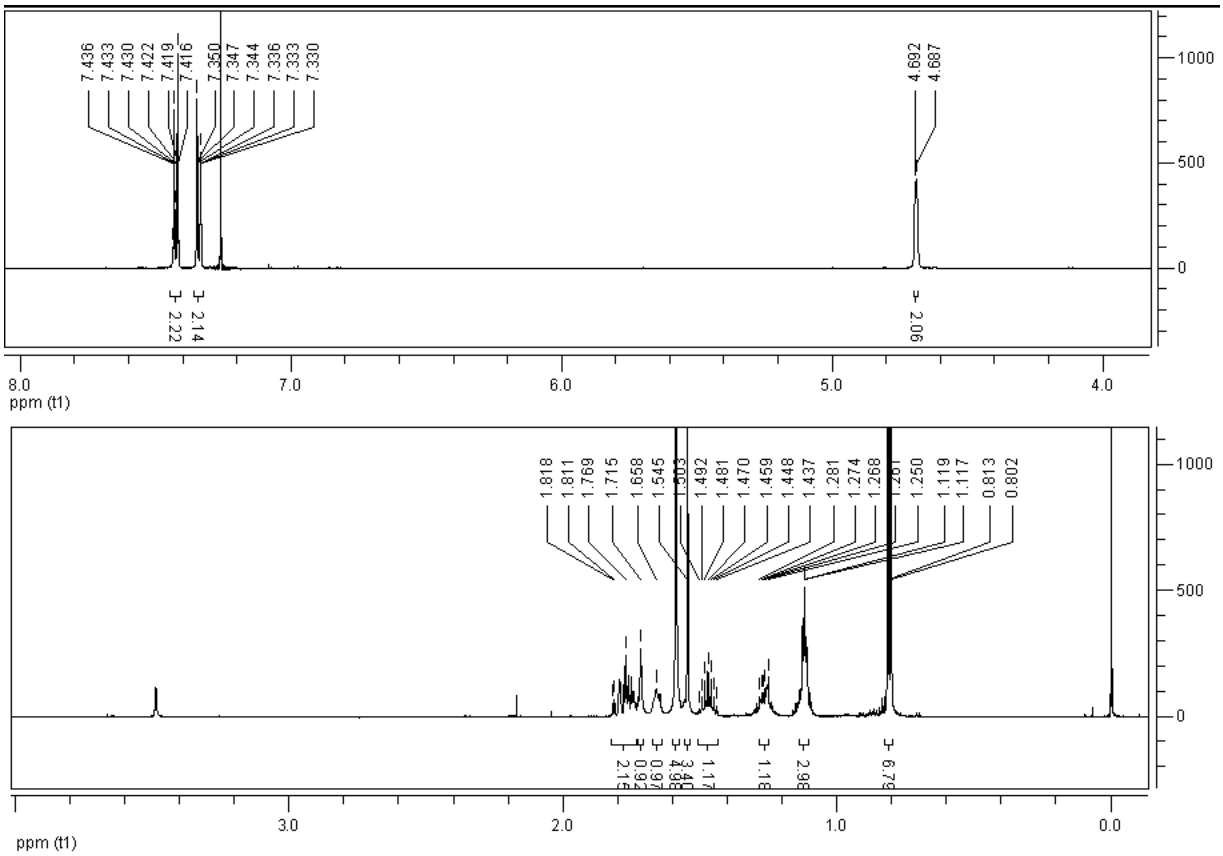


Figure S2. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of aspergiterpenoid A (**1**)

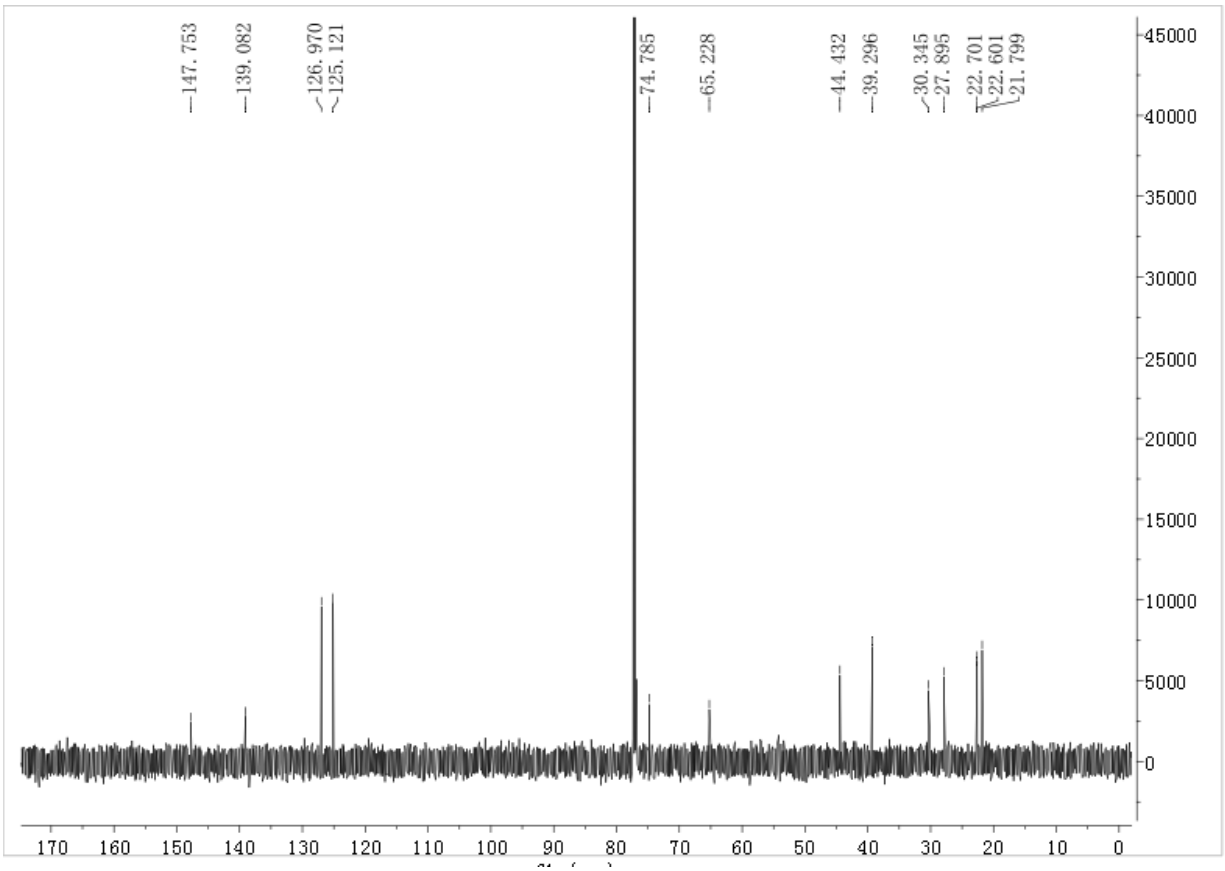


Figure S3. ^{1}H–^{1}H COSY spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

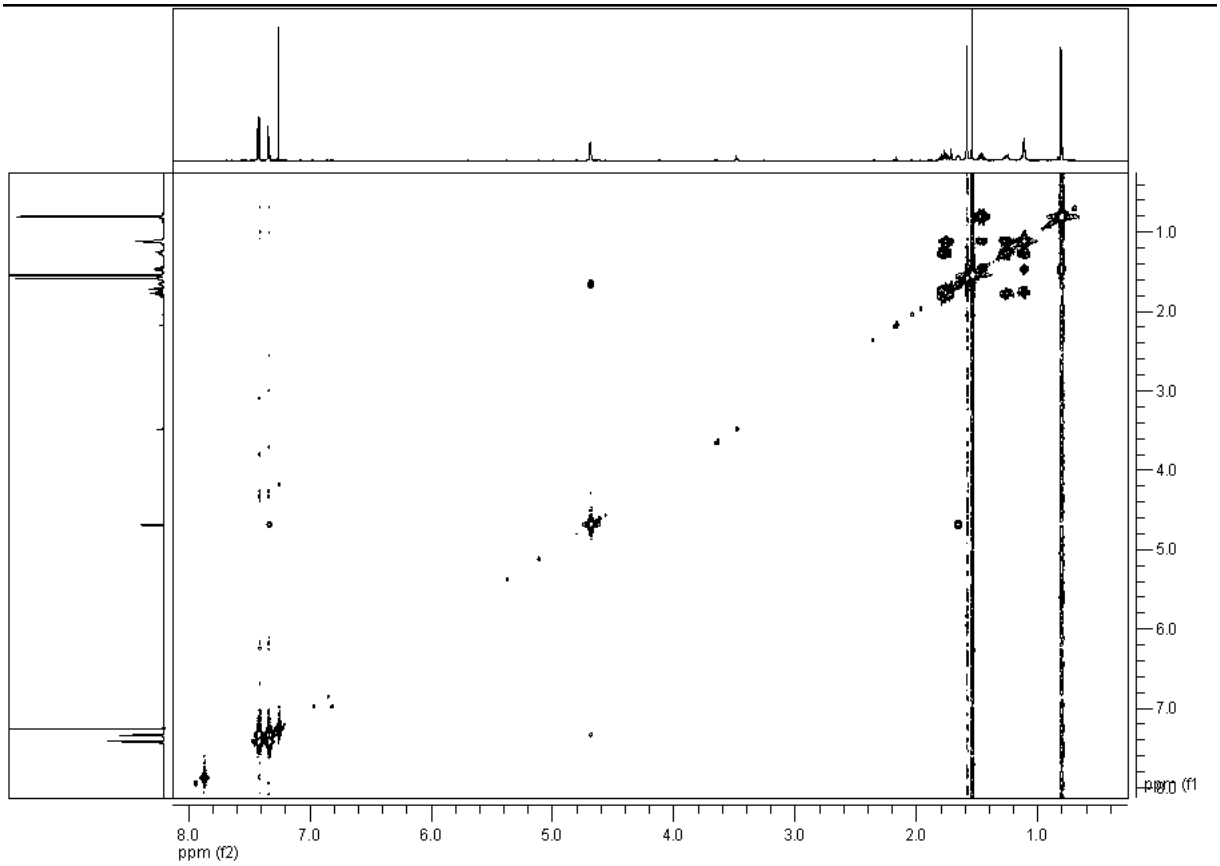


Figure S4. HMBC spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

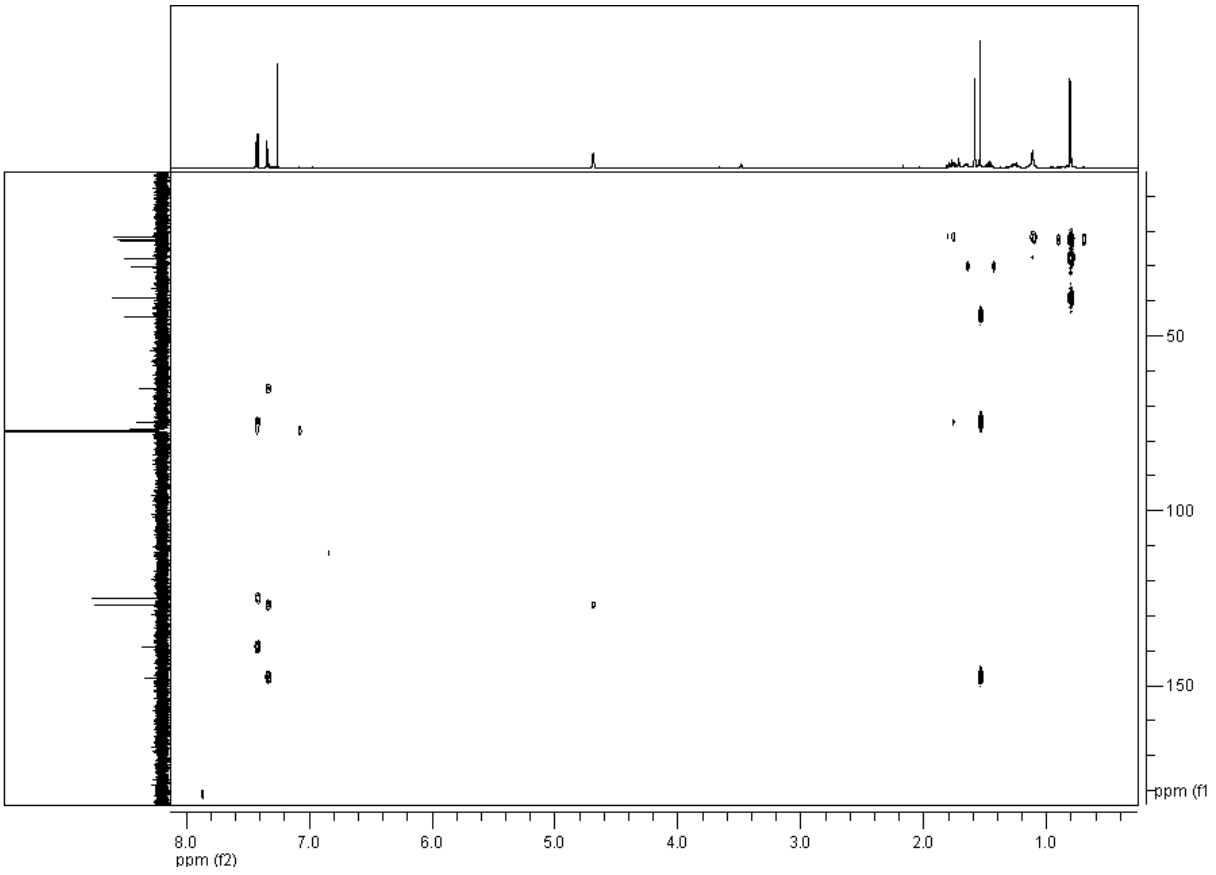


Figure S5. HMQC spectrum of aspergiterpenoid A (**1**) in $CDCl_3$

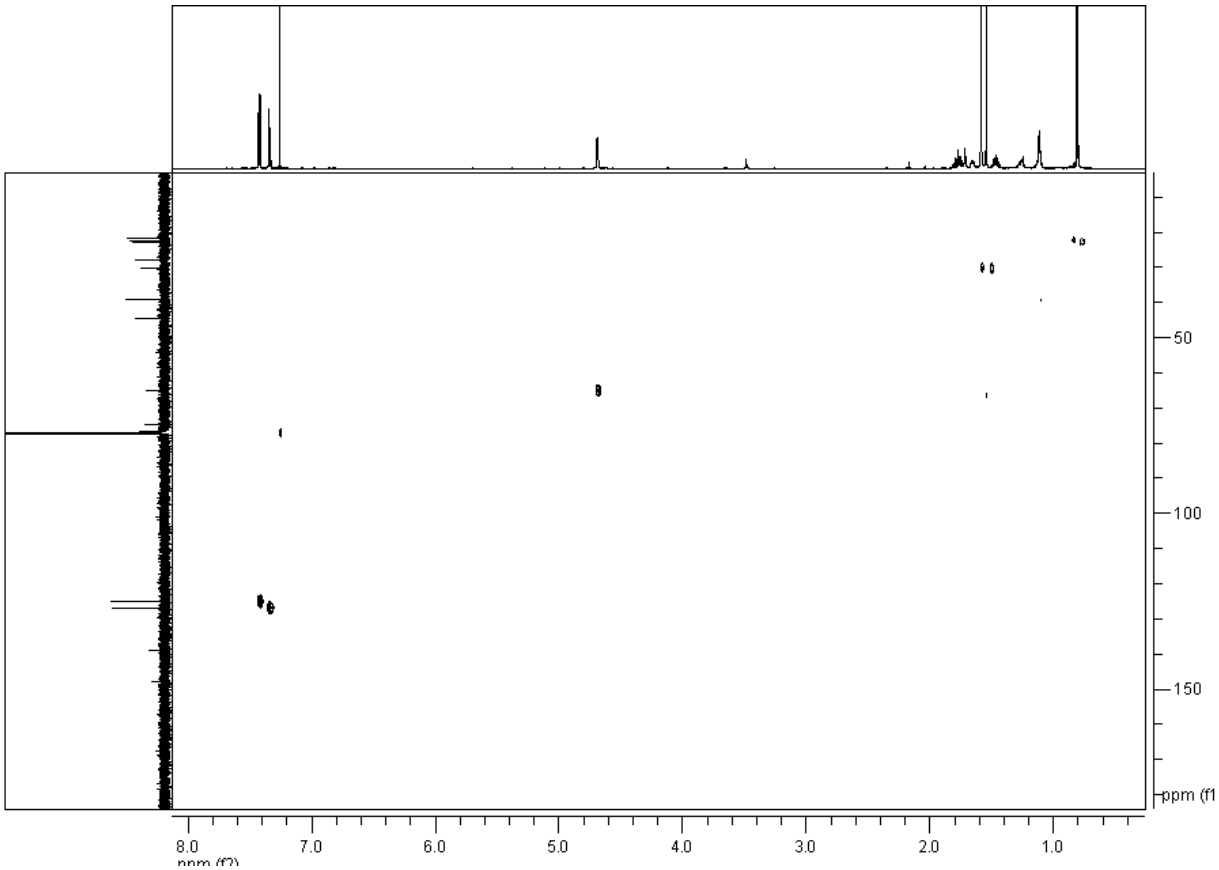


Figure S6. APCI mass spectrum of aspergiterpenoid A (**1**)

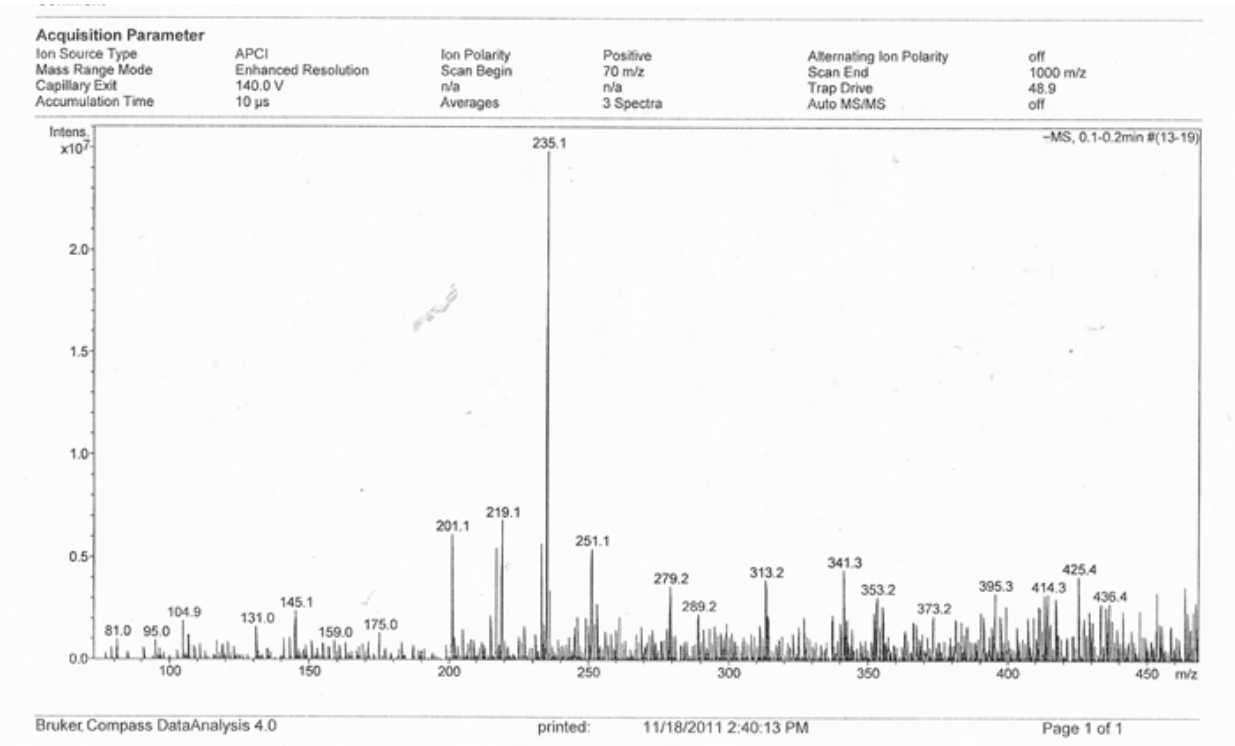


Figure S7. HREI mass spectrum of aspergiterpenoid A (**1**)

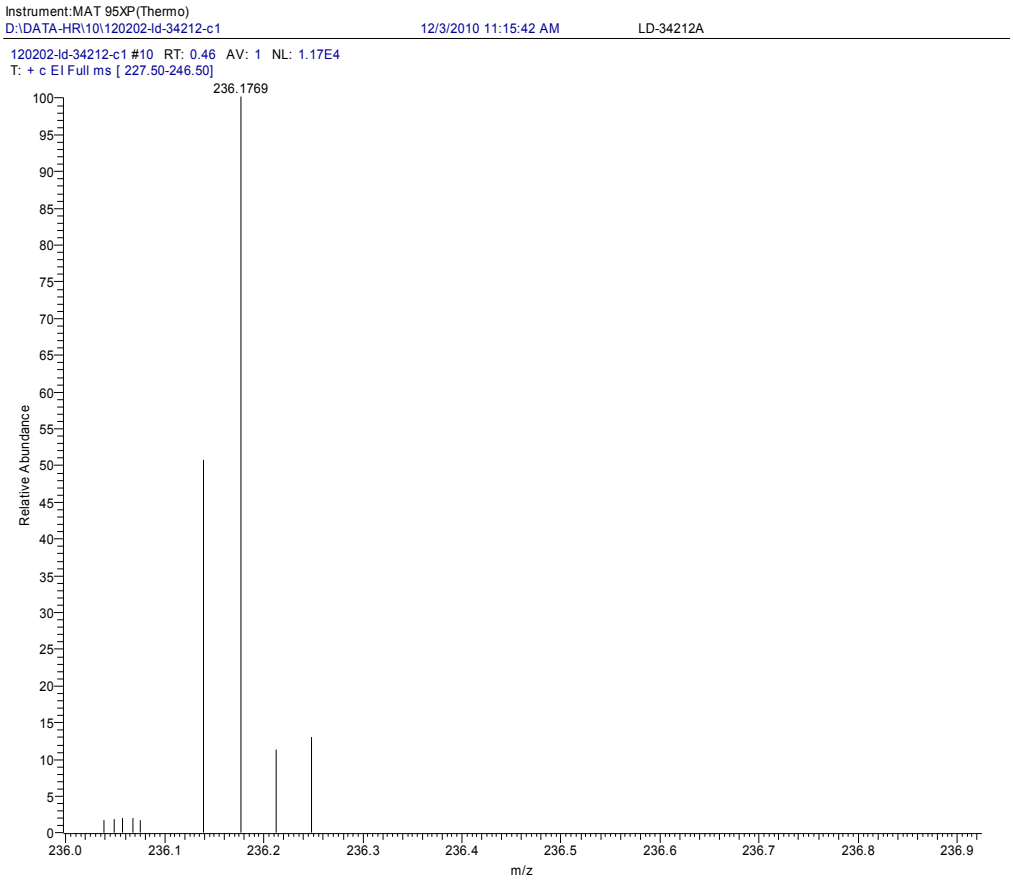


Figure S8. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (−)-sydonol (**2**)

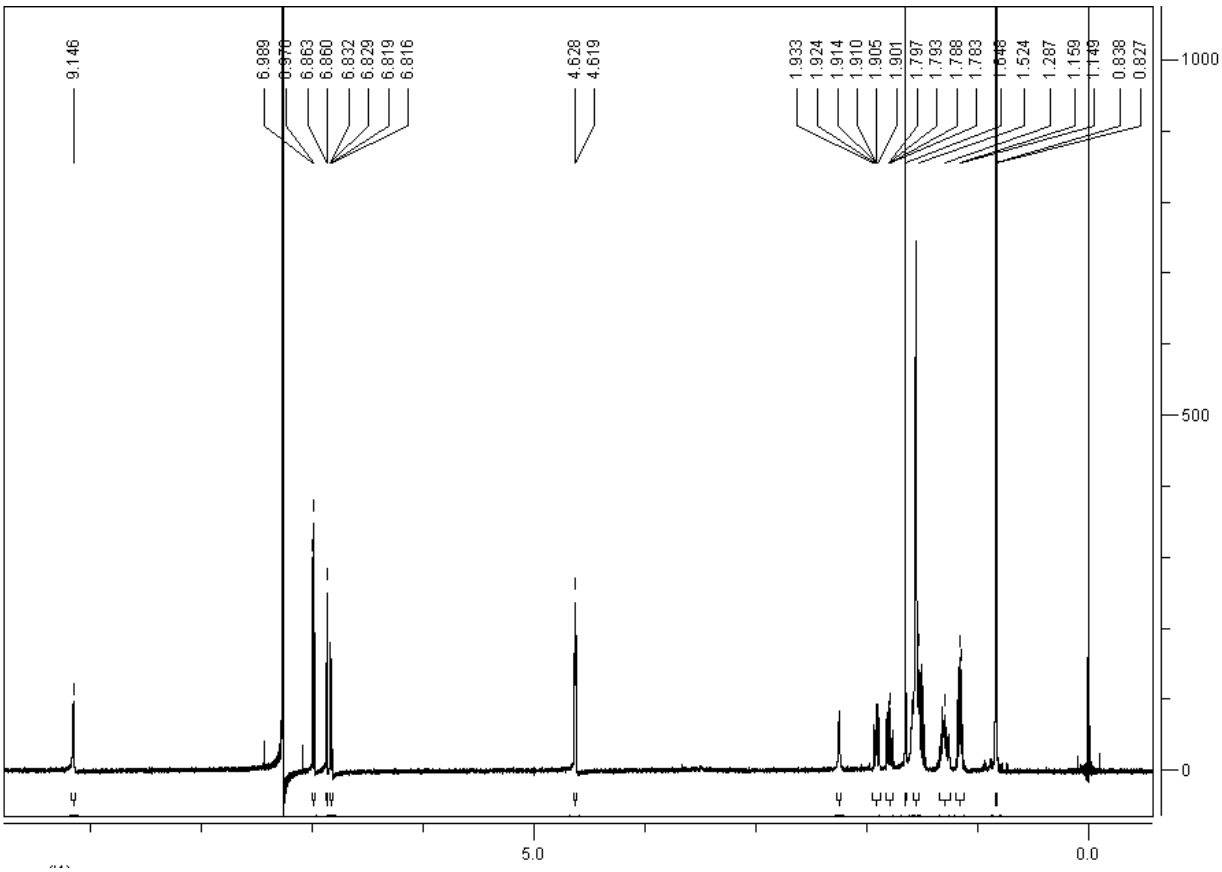


Figure S9. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of (−)-sydonol (**2**)

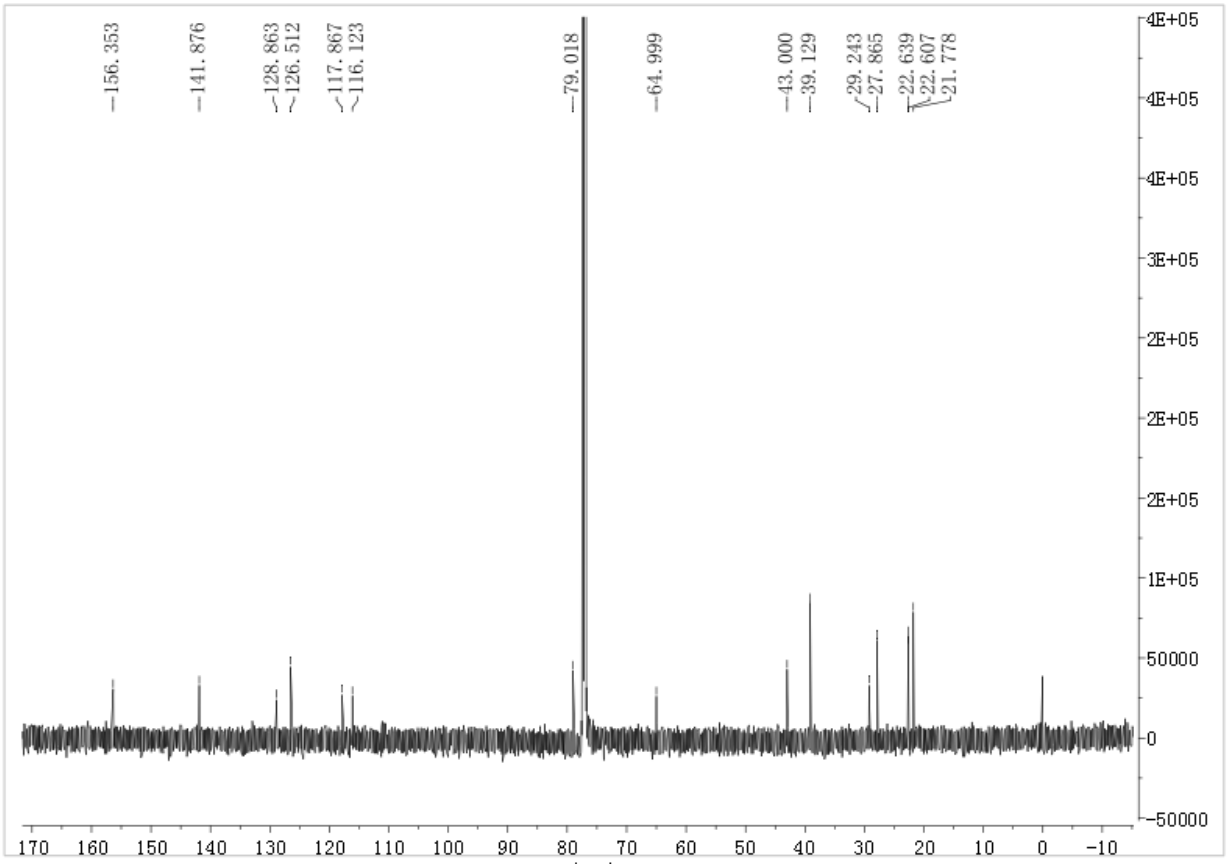


Figure S10. HREI mass spectrum of (−)-sydonol (**2**)

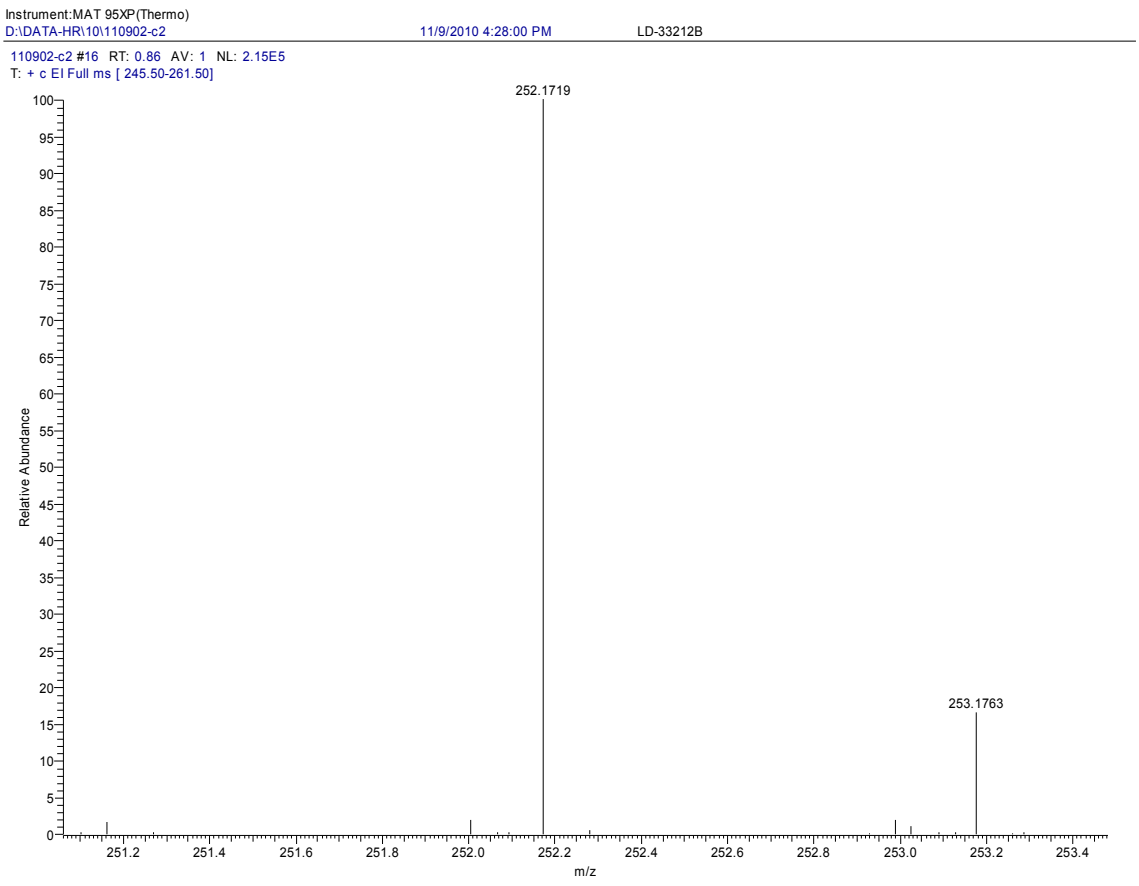


Figure S11. ^{1}H NMR spectrum (600 MHz, DMSO) of (−)-sydonic acid (**3**)

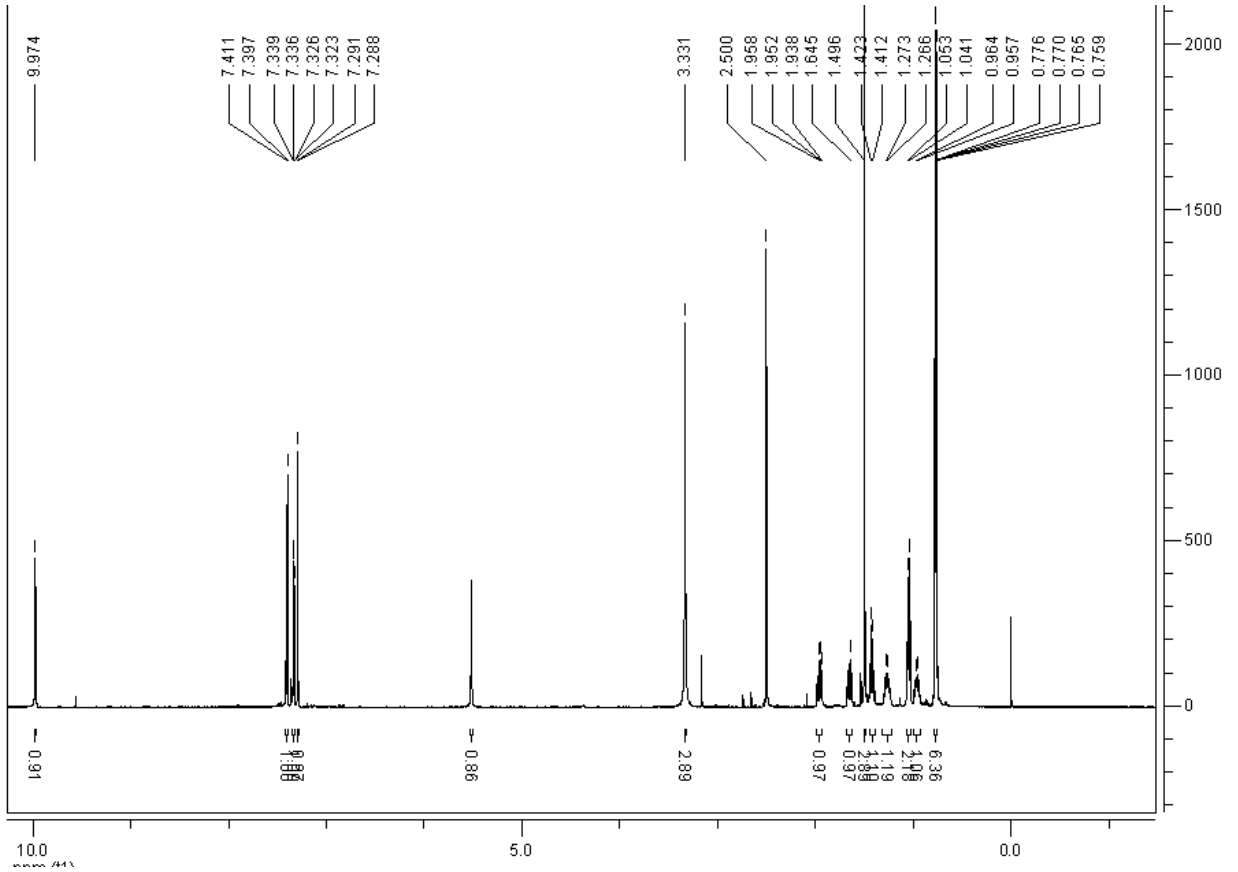


Figure S12. ^{13}C NMR spectrum (150 MHz, DMSO) of (−)-sydonic acid (**3**)

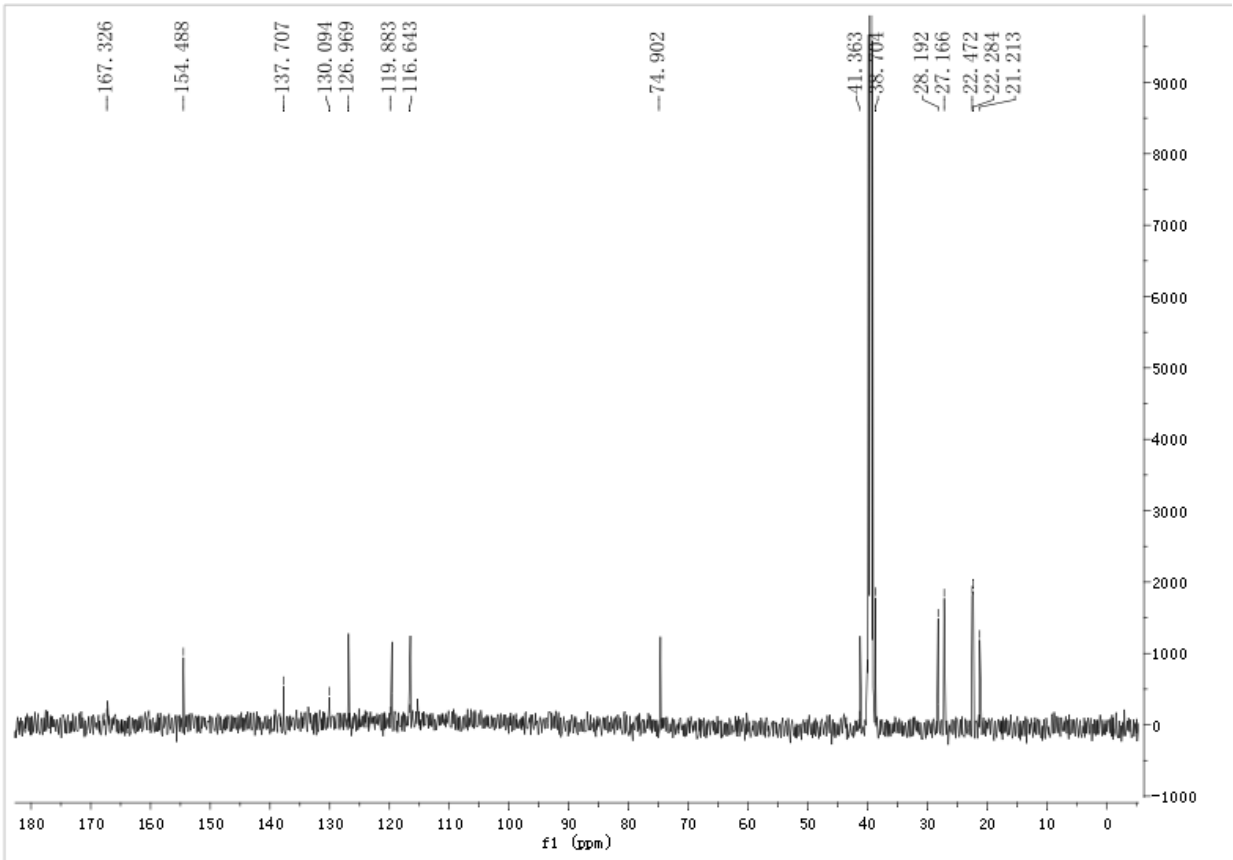


Figure S13. HREI mass spectrum of (−)-sydonic acid (**3**)

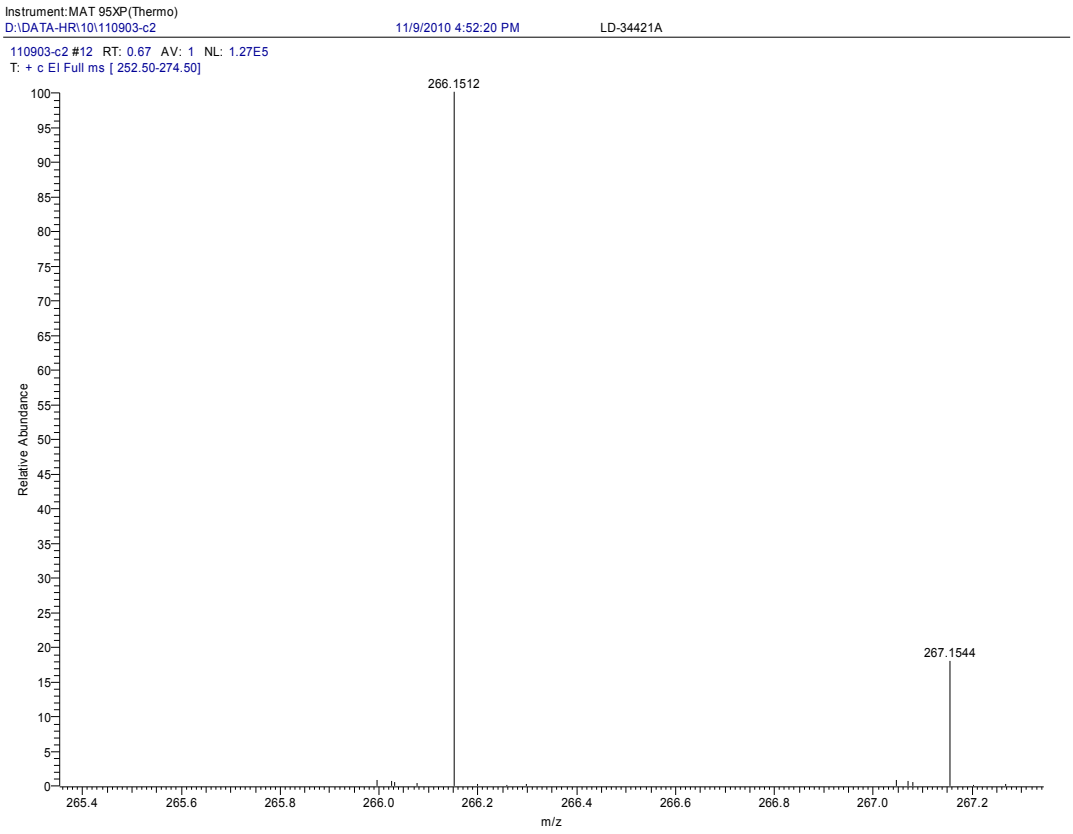


Figure S14. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (−)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro-2H-pyran-2-yl)phenol (**4**)

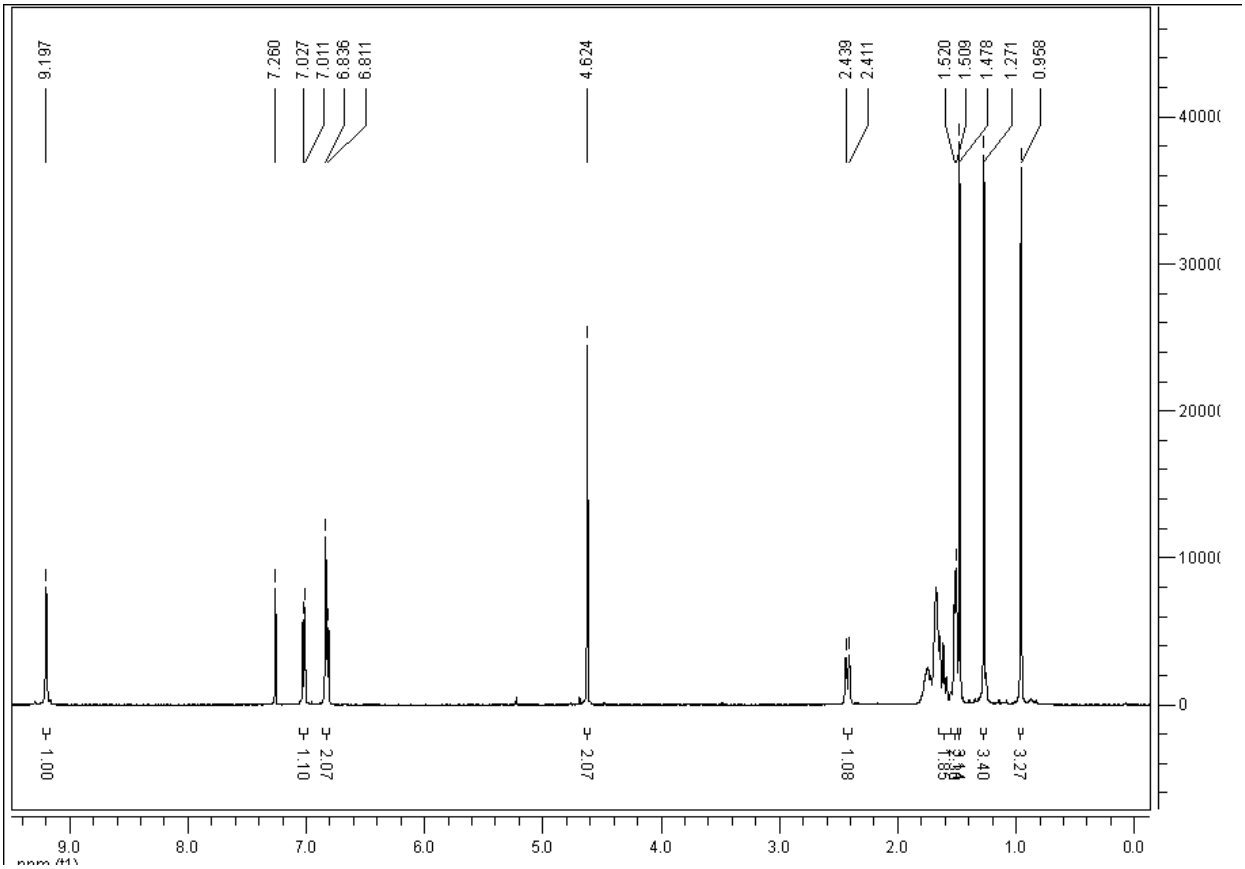


Figure S15. 13C NMR spectrum (150 MHz, $CDCl_3$) of (−)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro-2H-pyran-2-yl)phenol (**4**)

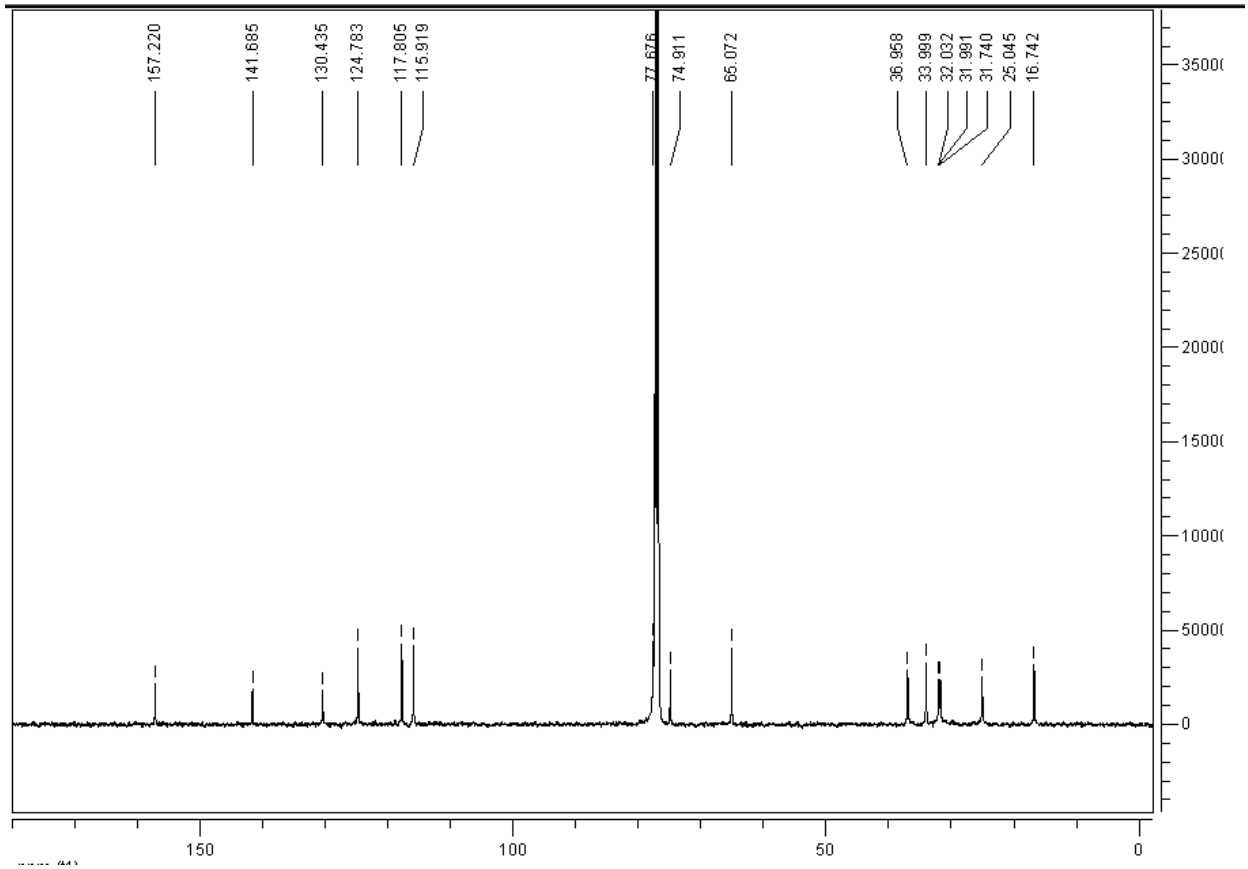


Figure S16. HRESI mass spectrum of (−)-5-(hydroxymethyl)-2-(2',6',6'-trimethyltetrahydro-2H-pyran-2-yl)phenol (4)

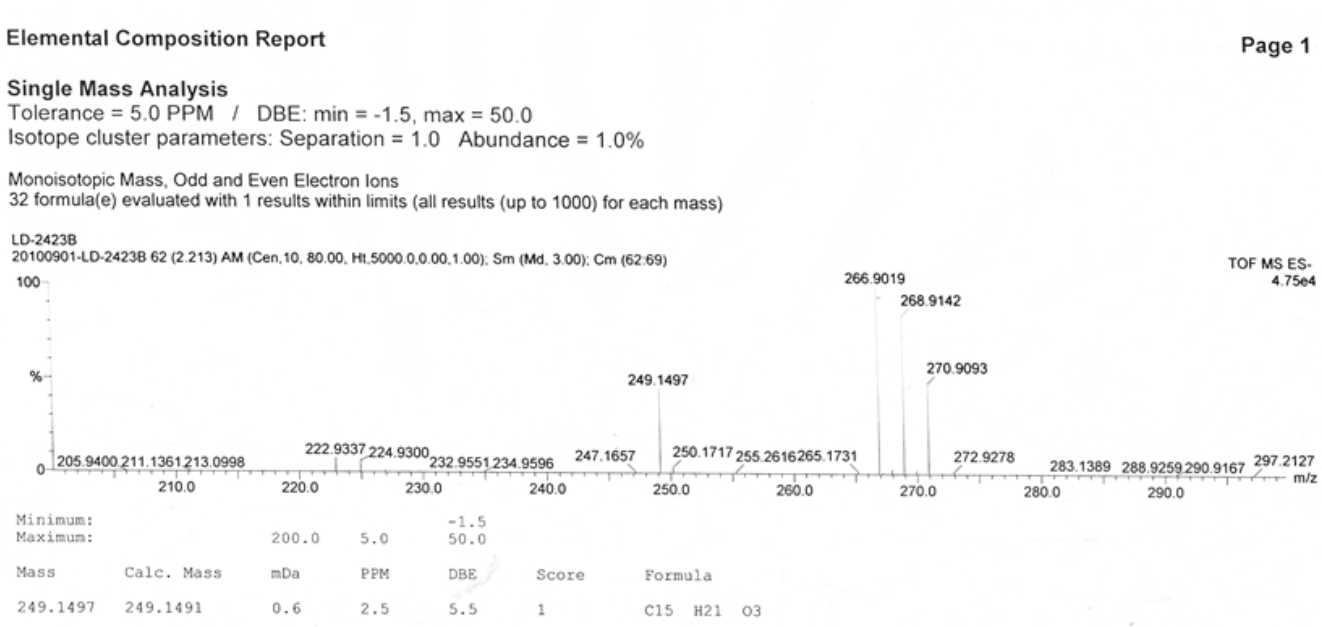


Figure S17. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of (Z)-5-(hydroxymethyl)-2-(6'-methylhept-2'-en-2'-yl)phenol (5)

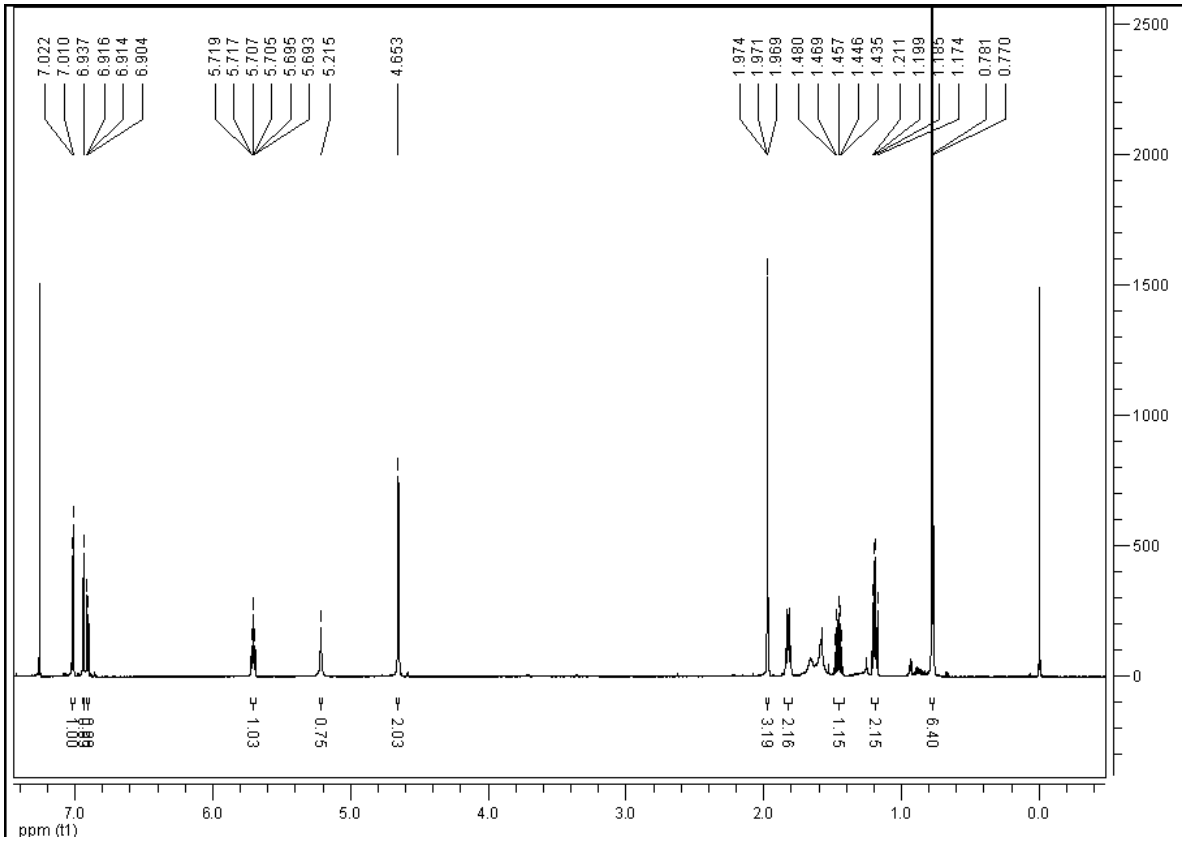


Figure S18. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of (Z)-5-(hydroxymethyl)-2-(6'-methylhept-2'-en-2'-yl)phenol (5)

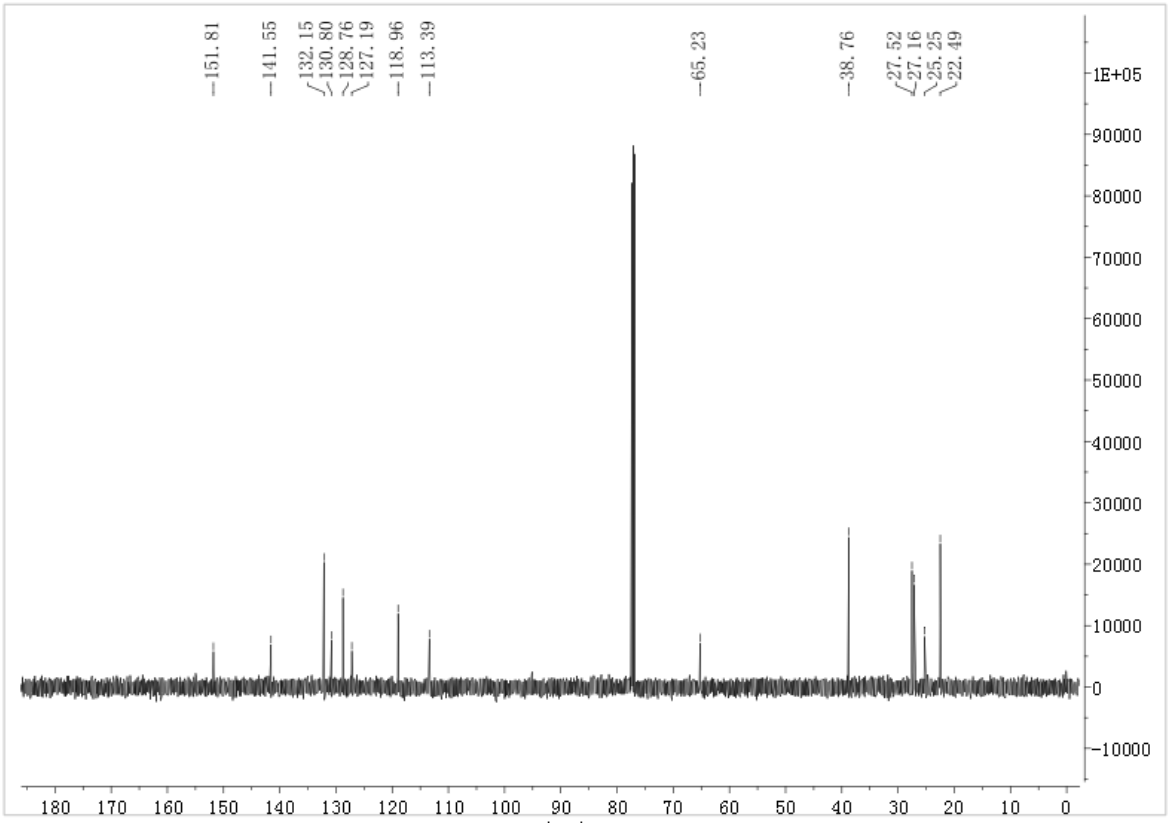


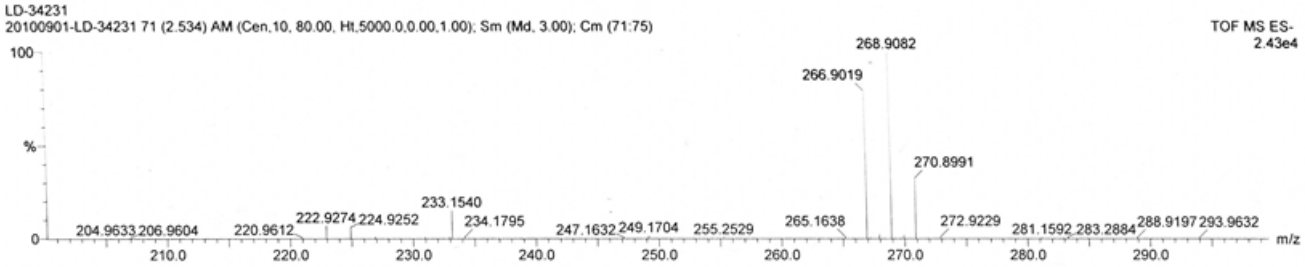
Figure S19. HRESI mass spectrum of (Z)-5-(hydroxymethyl)-2-(6'-methylhept-2'-en-2'-yl) phenol (5)

Elemental Composition Report **Page 1**

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0
Isotope cluster parameters: Separation = 1.0 Abundance = 1.0%

Monoisotopic Mass, Odd and Even Electron Ions
32 formula(e) evaluated with 1 results within limits (all results (up to 1000) for each mass)

LD-34231
20100901-LD-34231 71 (2.534) AM (Cen,10, 80.00, Ht,5000.0,0.00,1.00); Sm (Md, 3.00); Cm (71:75)



Minimum:				-1.5		
Maximum:		200.0	5.0	50.0		
Mass	Calc. Mass	mDa	PPM	DBE	Score	Formula
233.1540	233.1542	-0.2	-0.7	5.5	1	C15 H21 O2