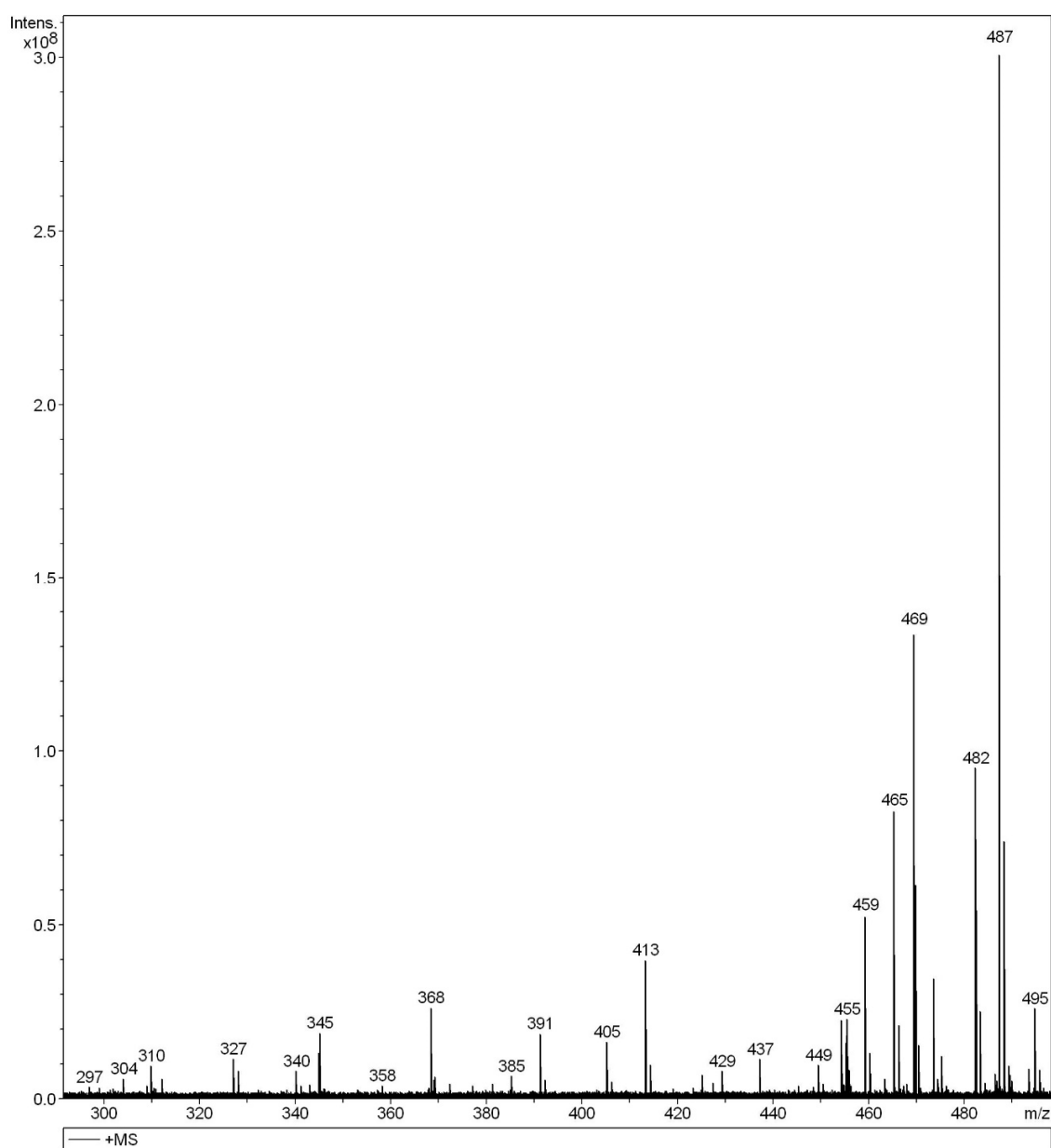


Supplementary materials

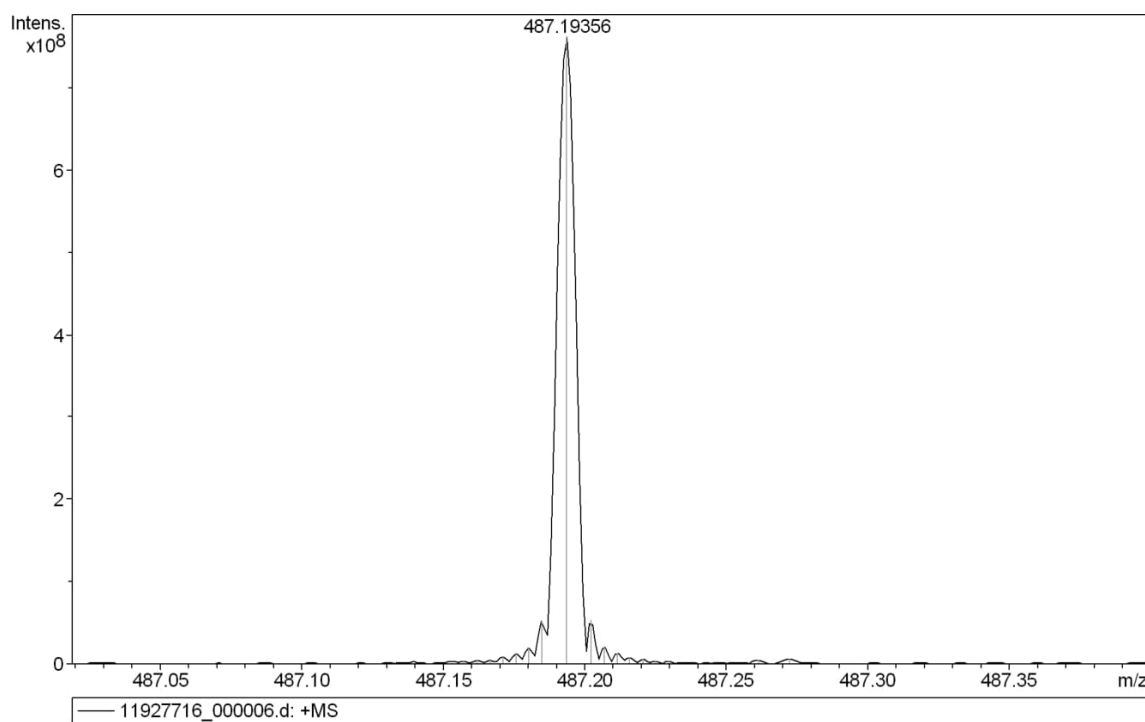
8-Hydroxybriaranes from Octocoral *Briareum stechei* (Briareidae) (Kükenthal, 1908)

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and Ping-Jyun Sung ^{1,2,7,10,11,*}

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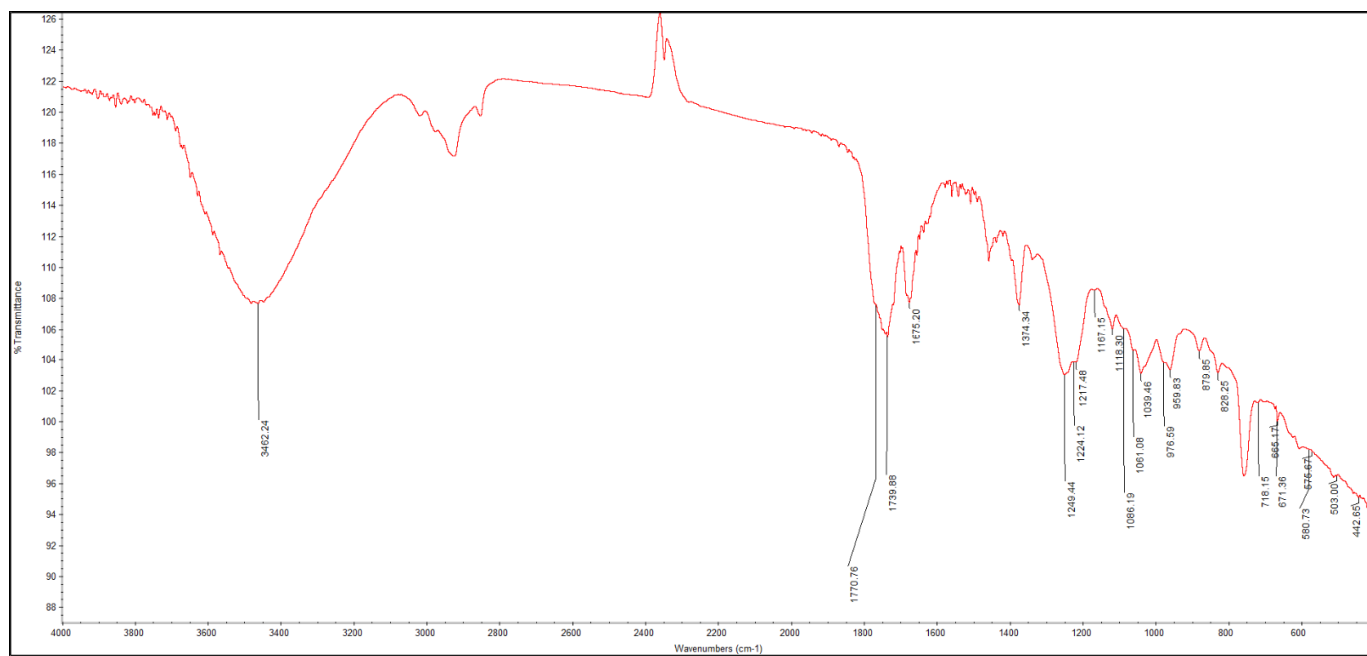


S1. ESIMS spectrum of compound 1

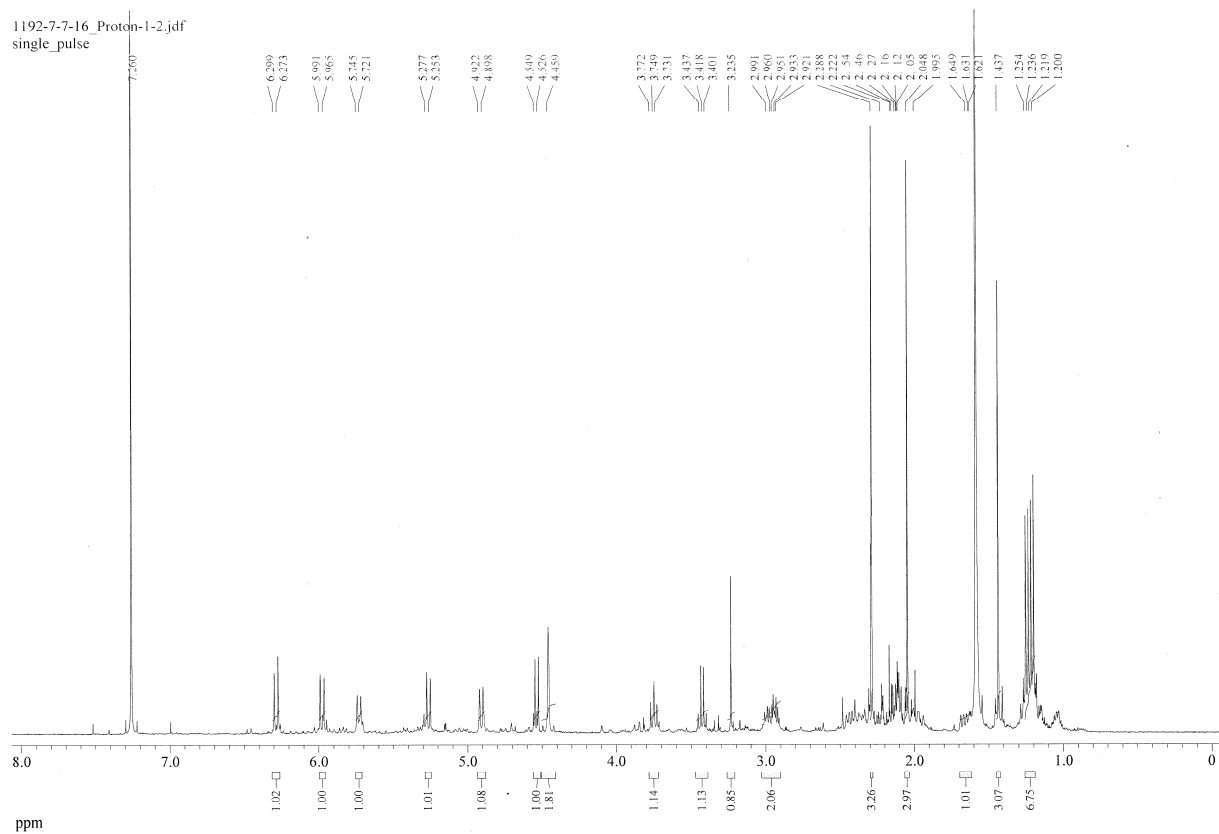


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻	Conf	N-Rule
487.19356	1	C ₂₄ H ₃₂ NaO ₉	100.00	487.19385	0.30	0.61	9.3	8.5	even		ok

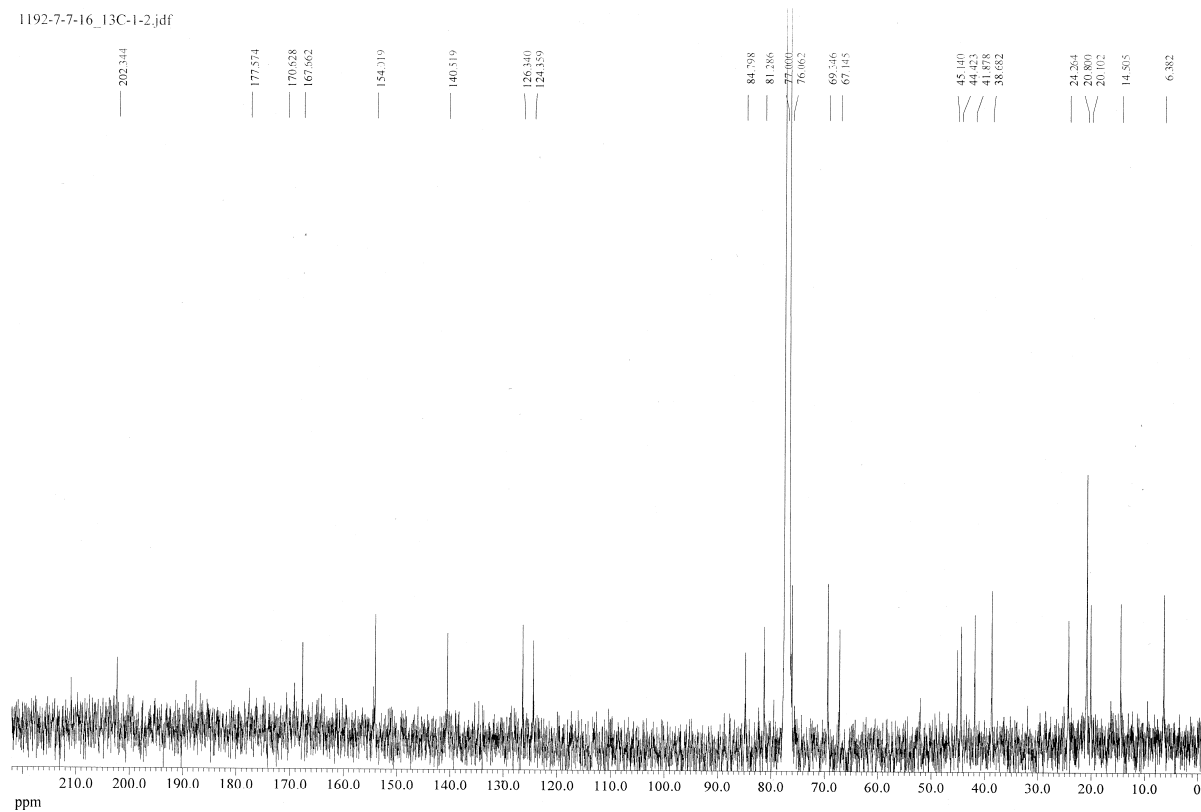
S2. HRESIMS spectrum of compound 1



S3. IR spectrum of compound 1

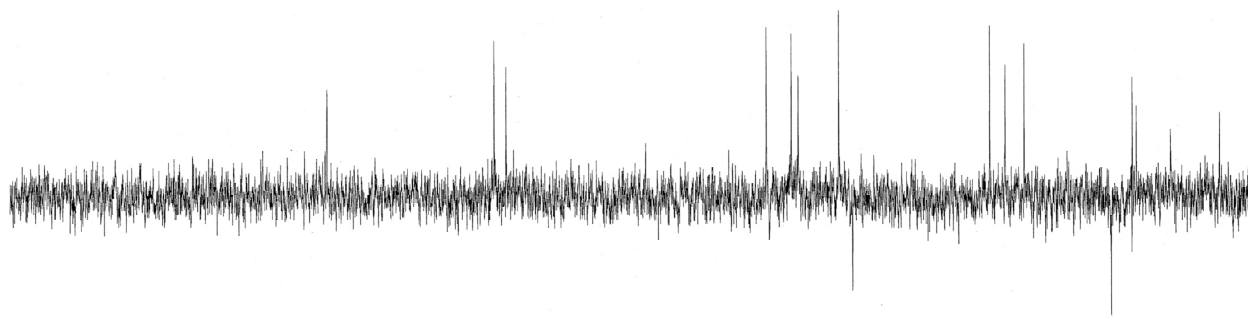


S4. ^1H NMR spectrum (400 MHz) of compound **1** in CDCl_3



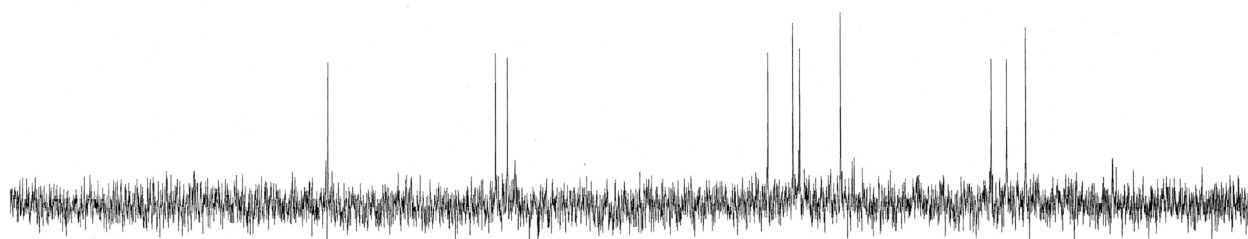
S5. ^{13}C NMR spectrum (100 MHz) of compound **1** in CDCl_3

1192-7-7-16_dept-1-2.jdf Y = 135[deg]



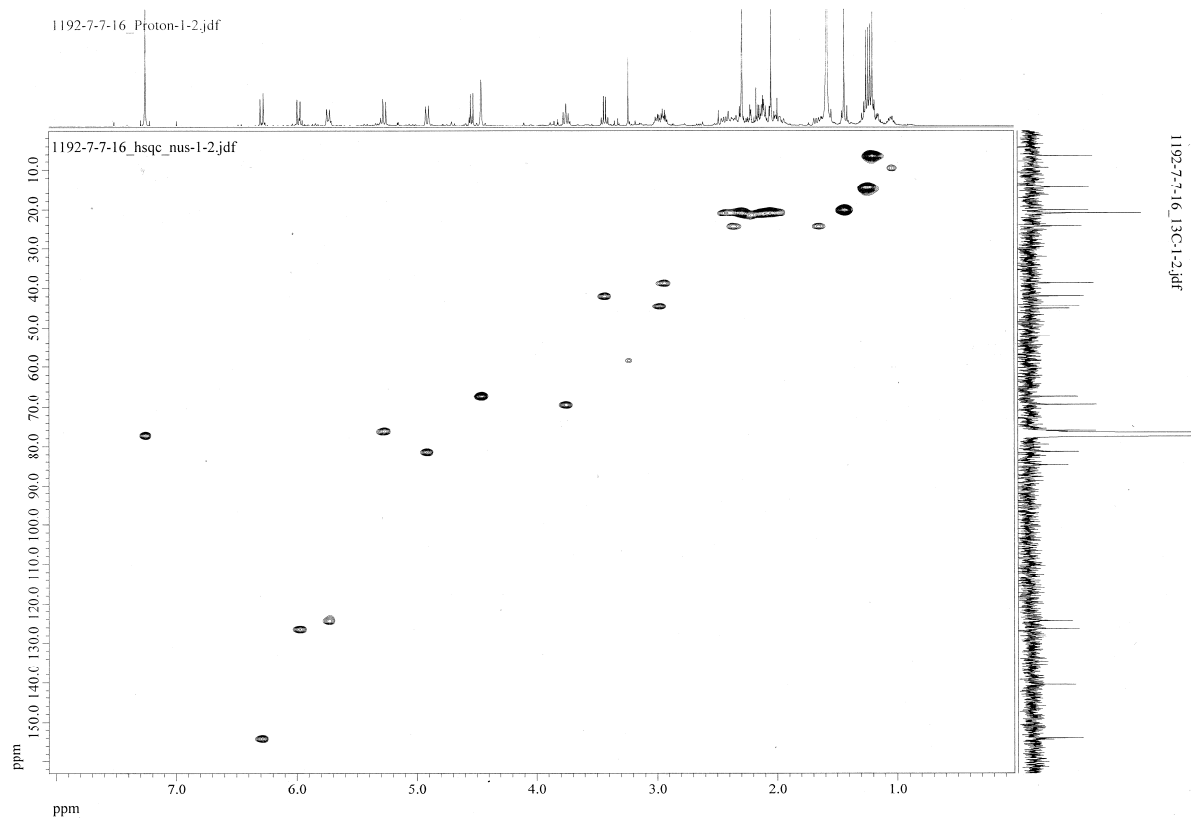
200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0
ppm

1192-7-7-16_dept-1-2.jdf Y = 90[deg]

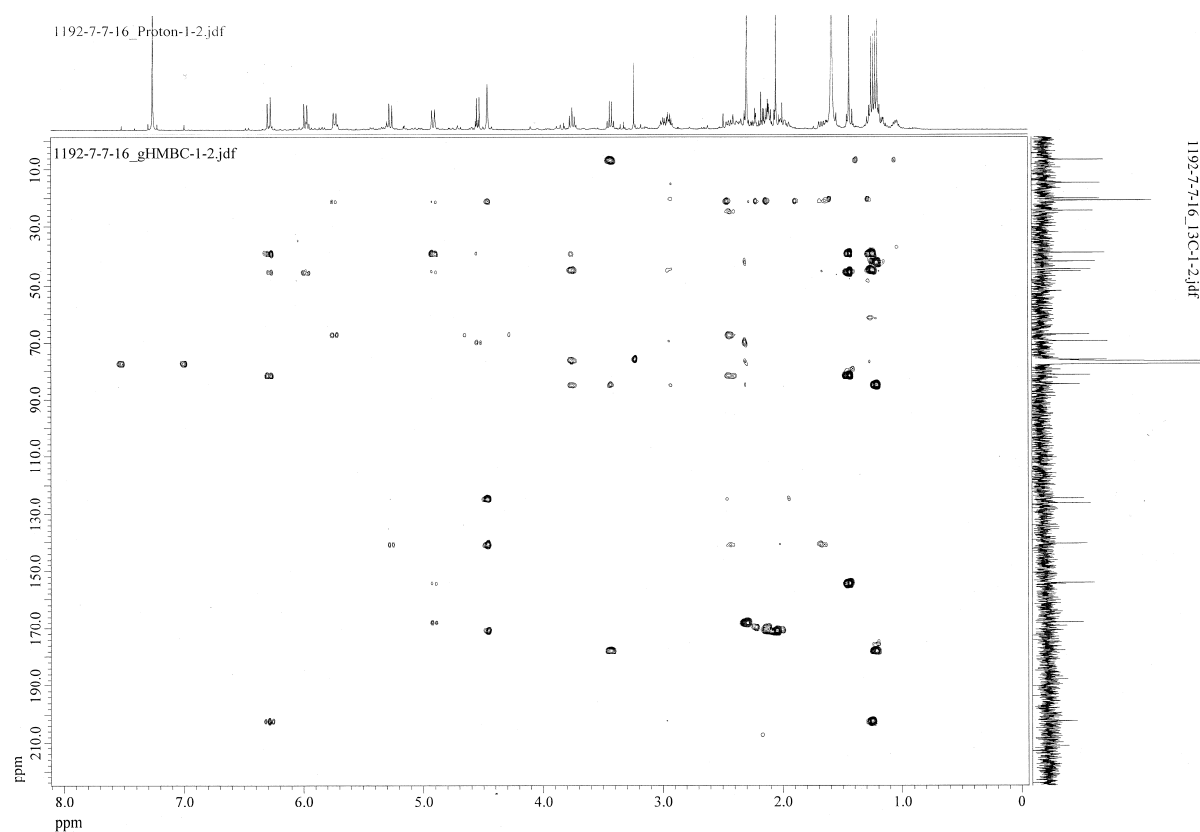


200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0

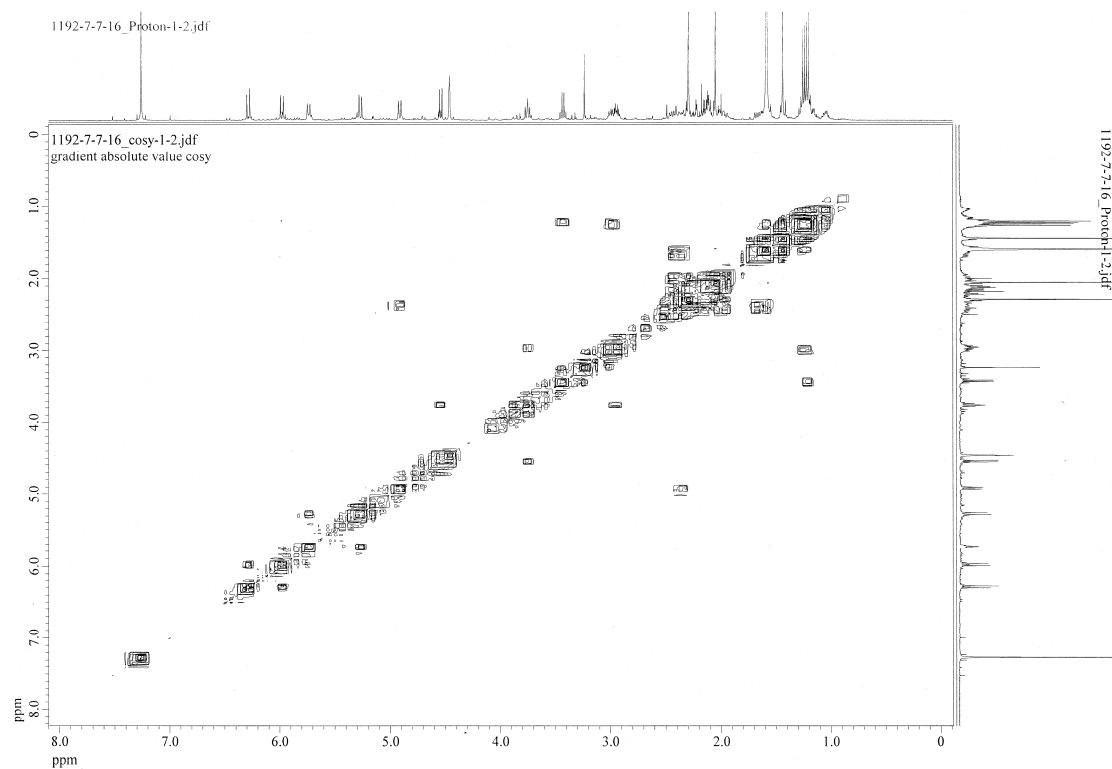
S6. DEPT spectrum of compound **1** in CDCl₃



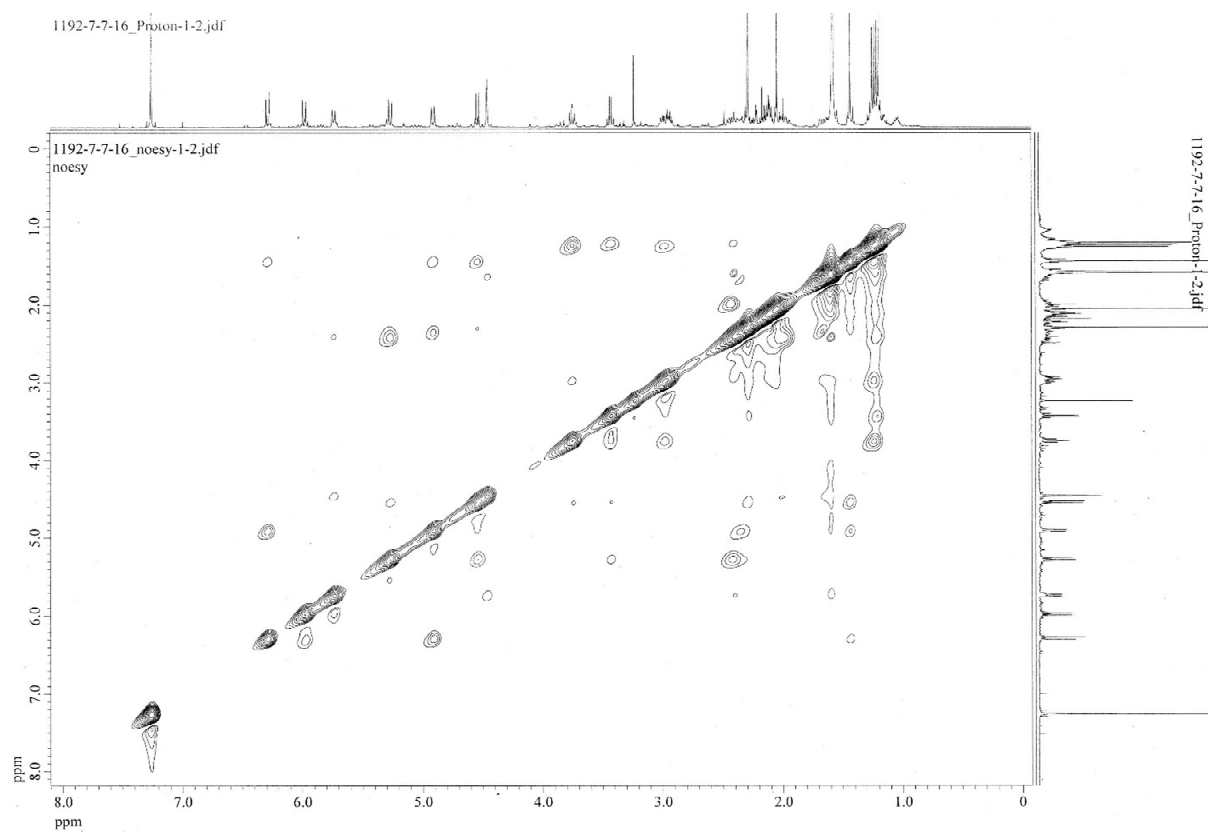
S7. HSQC spectrum of compound **1** in CDCl₃



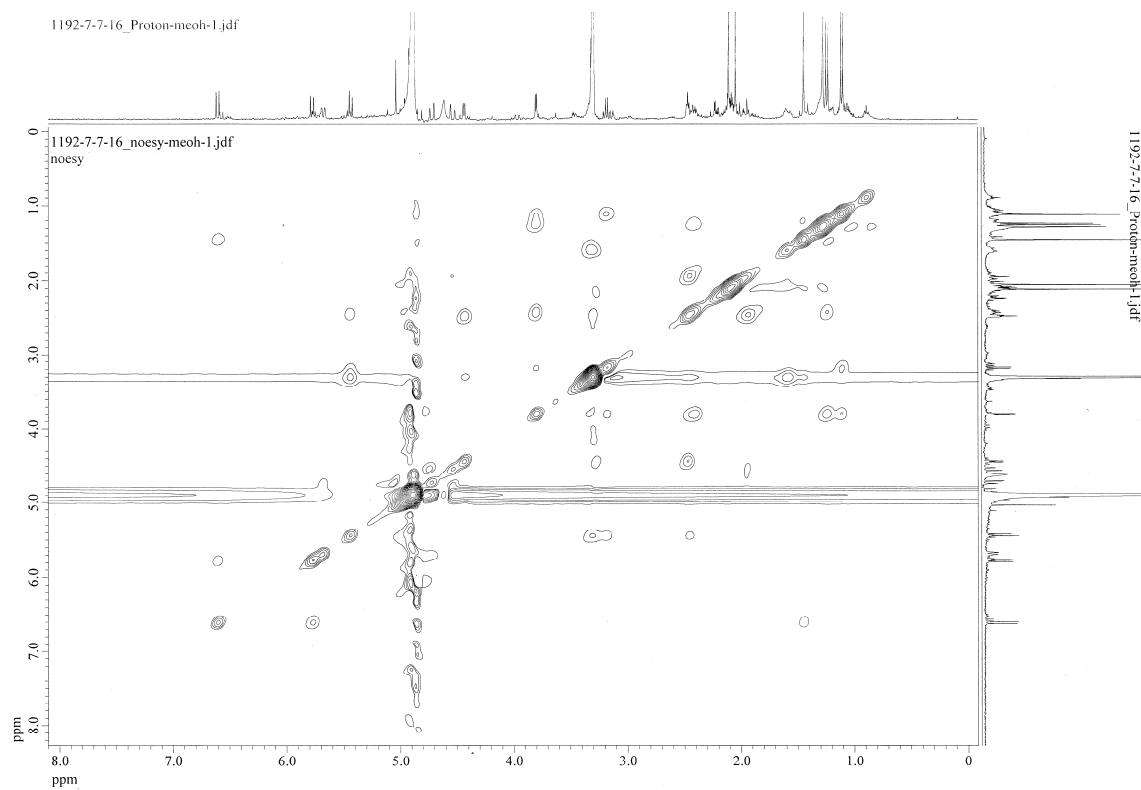
S8. HMBC spectrum of compound **1** in CDCl₃



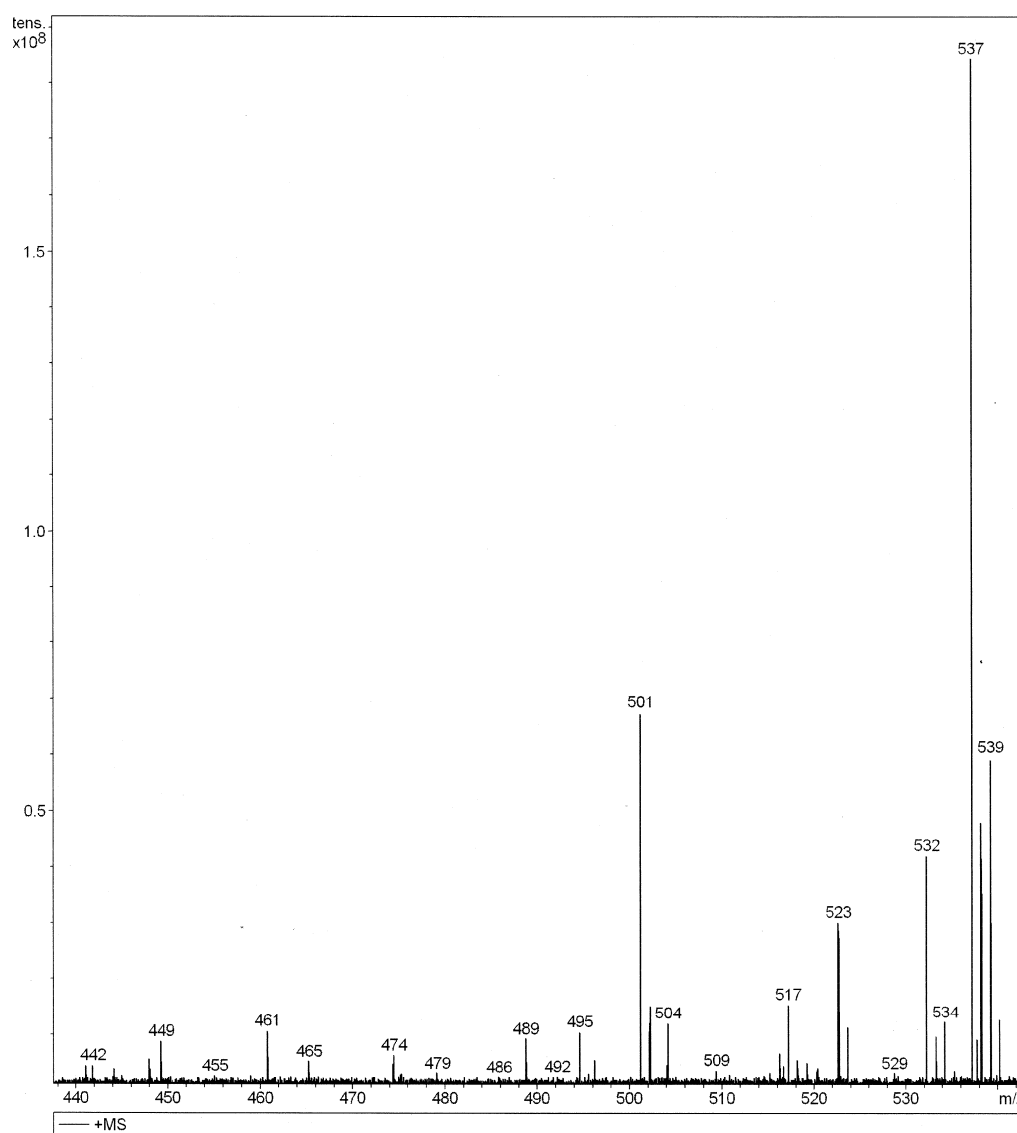
S9. ¹H-¹H COSY spectrum of compound **1** in CDCl₃



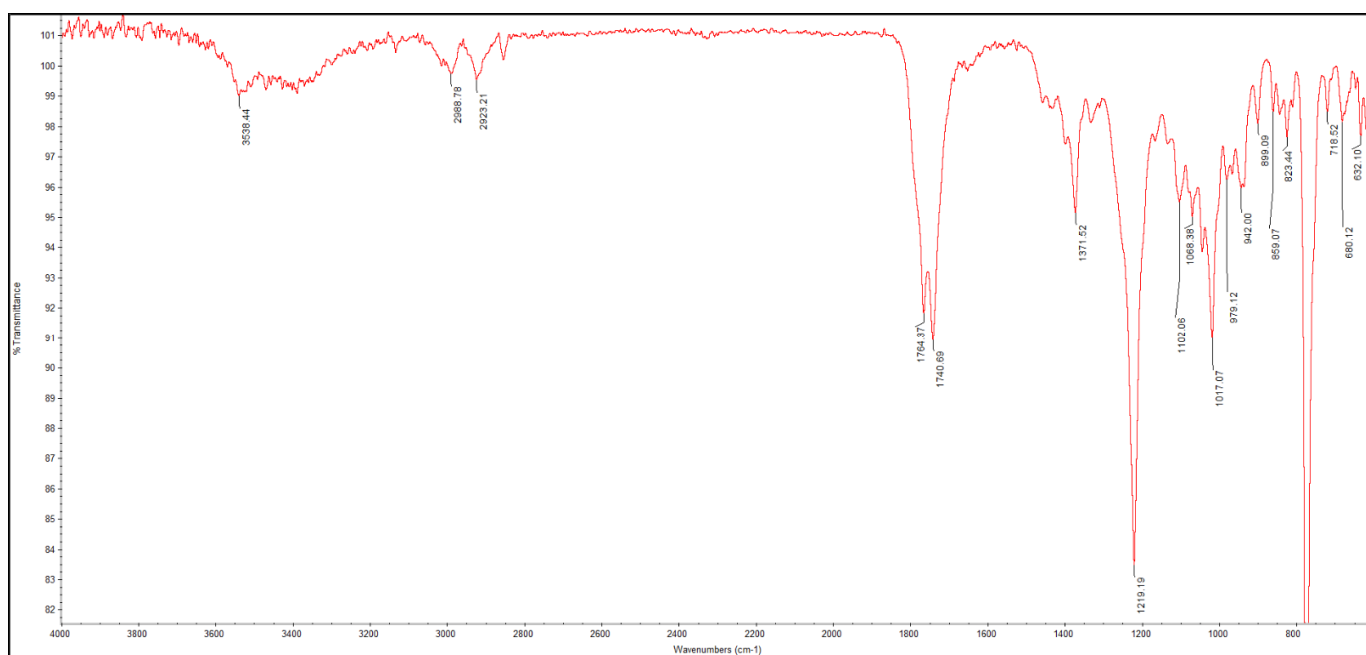
S10. NOESY spectrum of compound **1** in CDCl_3



S11. NOESY spectrum of compound **1** in CD_3OD

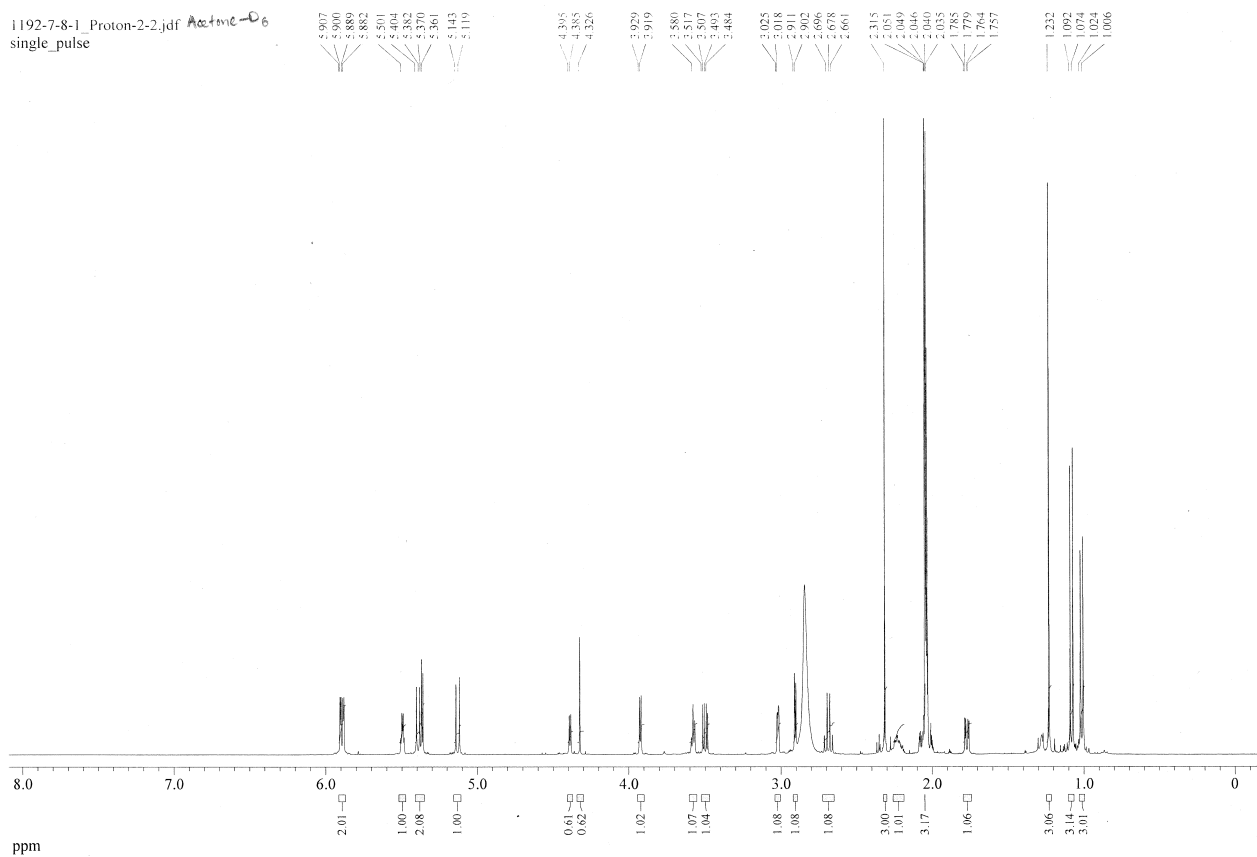


S12. ESIMS spectrum of compound 2

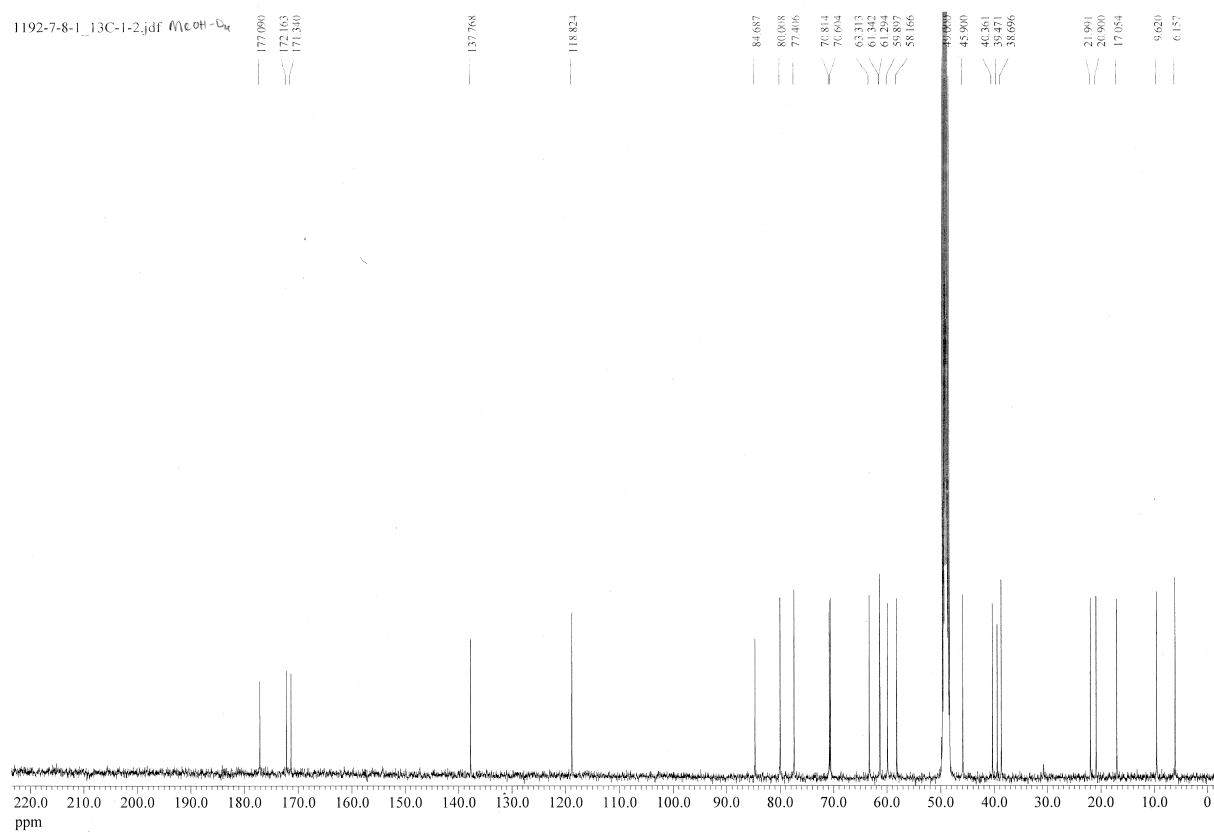


S13. IR spectrum of compound 2

1192-7-8-1 Proton-2-2.jdf Active-D₆
single_pulse

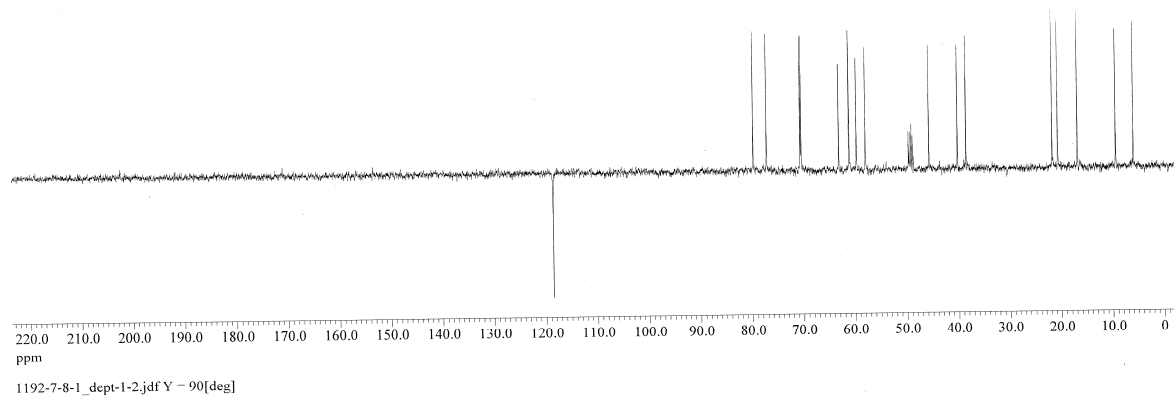


S14. ¹H NMR spectrum (400 MHz) of compound 2 in CD₃COCD₃

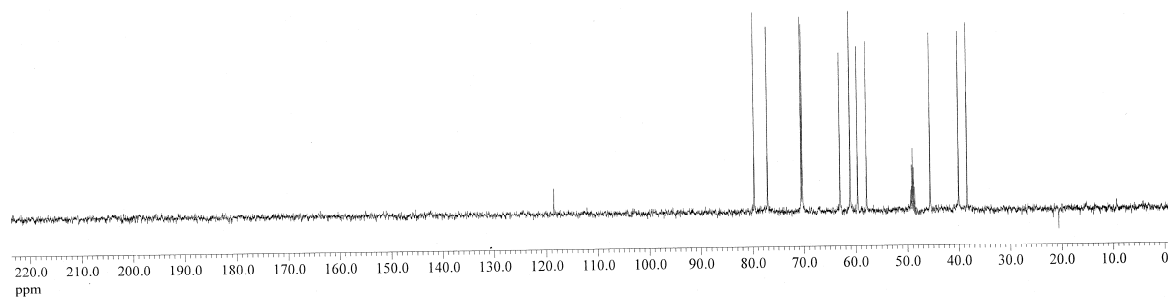


S15. ^{13}C NMR spectrum (100 MHz) of compound **2** in CD_3OD

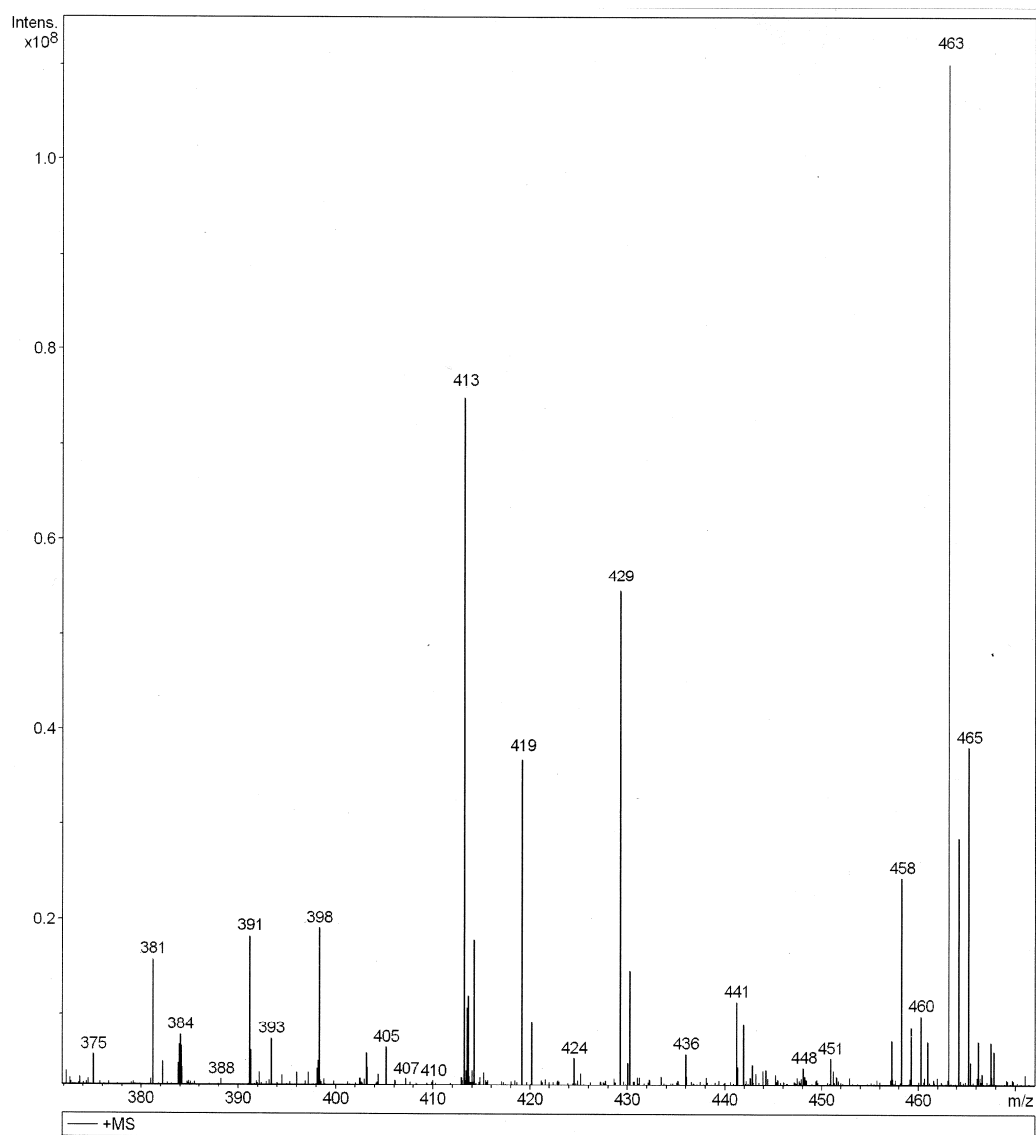
1192-7-8-1_dept-1-2.jdf Y = 135[deg] MeOH-d₄



1192-7-8-1_dept-1-2.jdf Y = 90[deg]



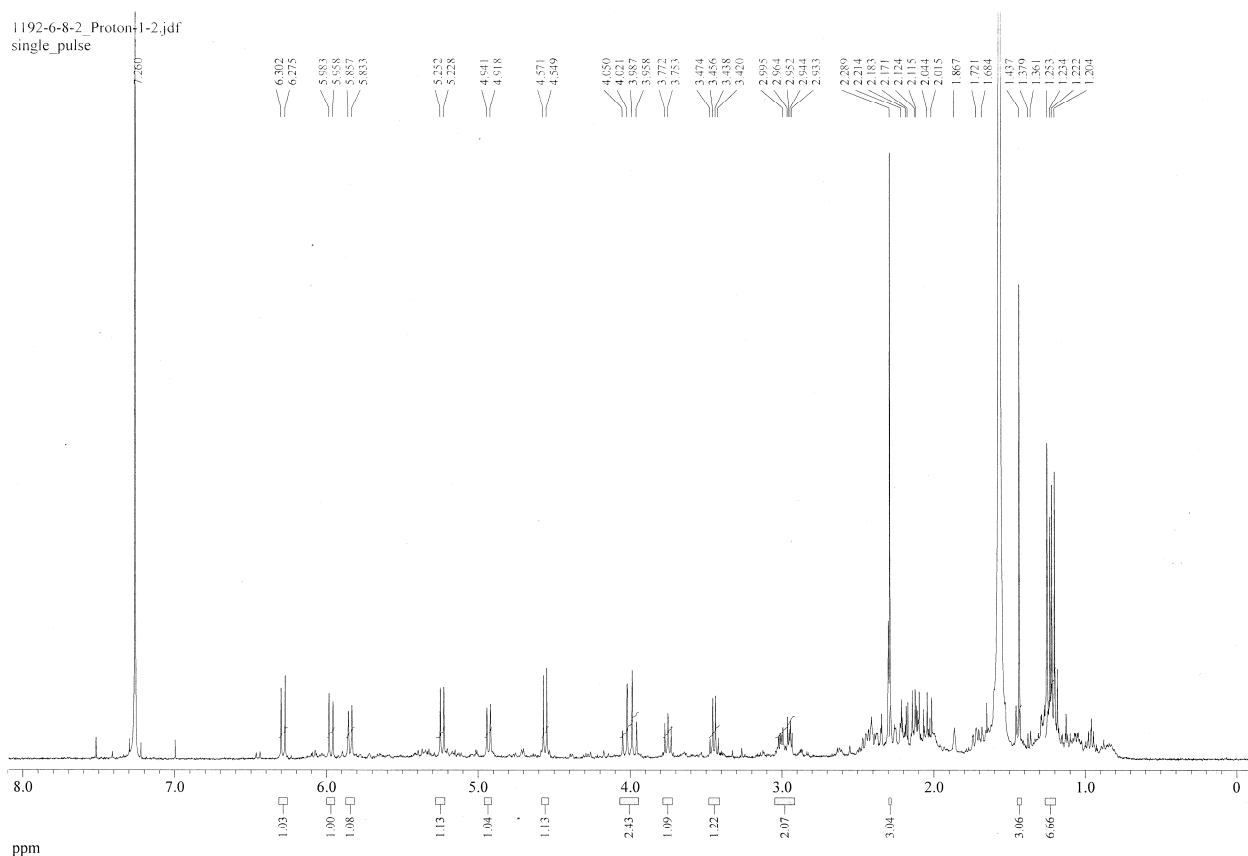
S16. DEPT spectrum of compound **2** in CD_3OD



S17. ESIMS spectrum of compound 3

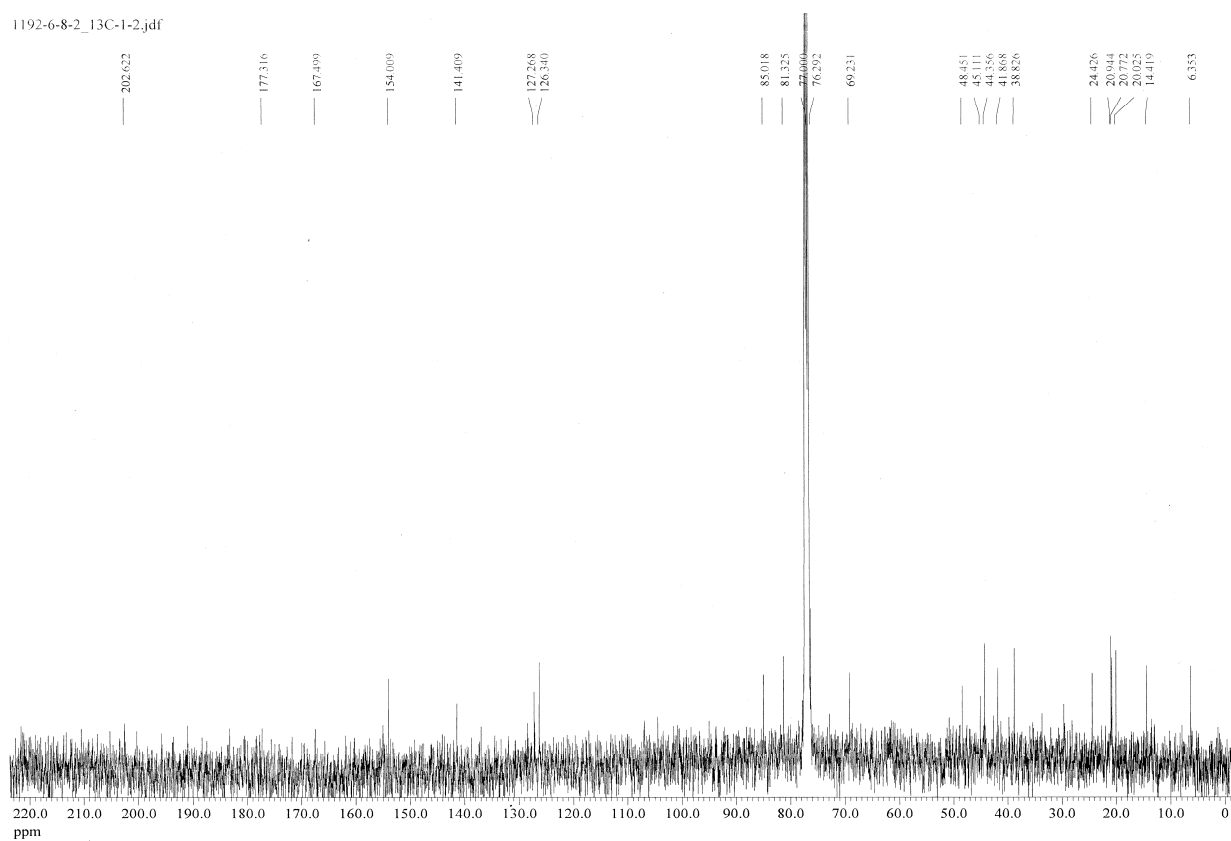


S18. IR spectrum of compound 3



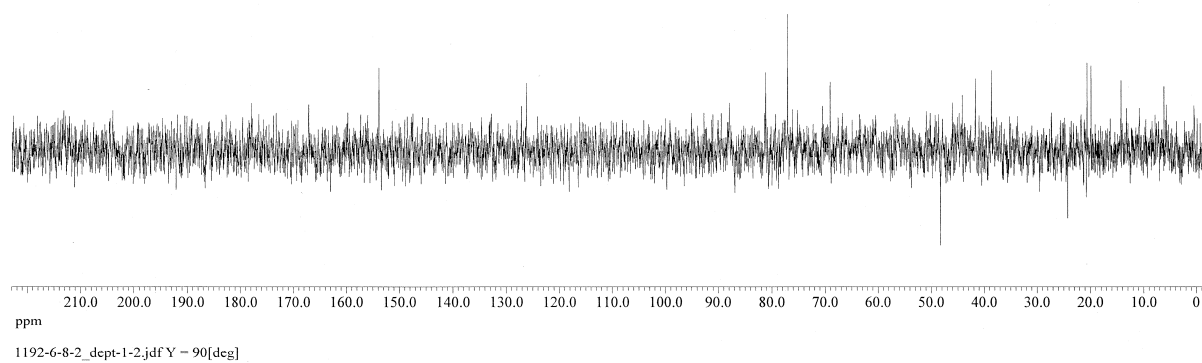
S19. ¹H NMR spectrum (400 MHz) of compound 3 in CDCl₃

1192-6-8-2_13C-1-2.jdf

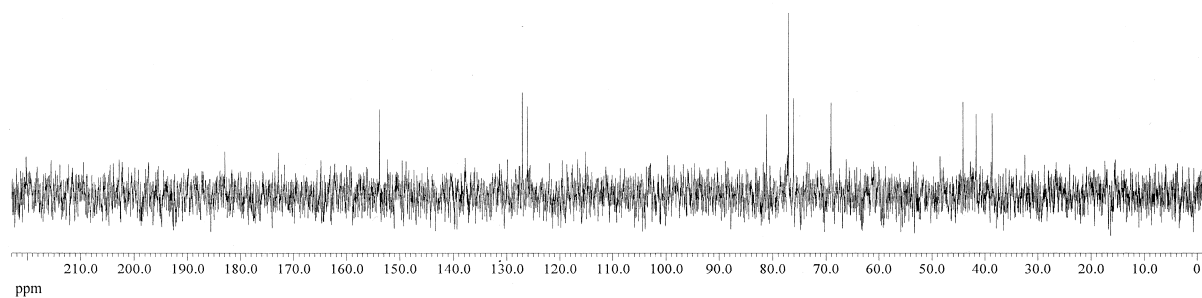


S20. ^{13}C NMR spectrum (100 MHz) of compound **3** in CDCl_3

1192-6-8-2_dept-1-2.jdf Y = 135[deg]



1192-6-8-2_dept-1-2.jdf Y = 90[deg]



S21. DEPT spectrum of compound **3** in CDCl_3