

SUPPLEMENTARY MATERIAL

Tetraenone A: A new β -ionone Derivative from *Tetraena aegyptia*

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Table S1. NMR data of compounds **1** and **2**



1			2	
#	δ_C	δ_H	δ_C	δ_H
1.	36.6	-	35.4	-
2.	75.7	4.53, <i>tt</i> (11.6, 4.4)	43.3	1.48, <i>dd</i> (13.1, 9.9) 1.79, <i>d</i> (12.4)
3.	48.1	1.31, <i>t</i> (12.1) 2.31, <i>dd</i> (9.7, 5.2)	72.4	4.51, <i>m</i>
4.	42.4	1.11, <i>m</i> 2.02, <i>m</i>	38.2	1.96, <i>dd</i> (14.8, 7.8) 2.50, <i>dd</i> (14.8, 5.2)
5.	31.9	1.79, <i>m</i>	67.5	-
6.	58.7	1.61, <i>t</i> (10.6)	70.4	-
7.	151.4	6.69, <i>dd</i> (15.9, 10.3)	144.5	7.17, <i>d</i> (15.8)
8.	134.8	6.11, <i>d</i> (15.9)	133.5	6.20, <i>d</i> (15.8)
9.	200.8	-	199.7	-
10.	26.9	2.28, <i>s</i>	26.9	2.30, <i>s</i>
11.	21.6	0.99, <i>s</i>	25.1	0.98, <i>s</i>
12.	31.6	0.91, <i>s</i>	28.7	1.25, <i>s</i>
13.	21.5	0.86, <i>d</i> (6.5)	19.7	1.19, <i>s</i>

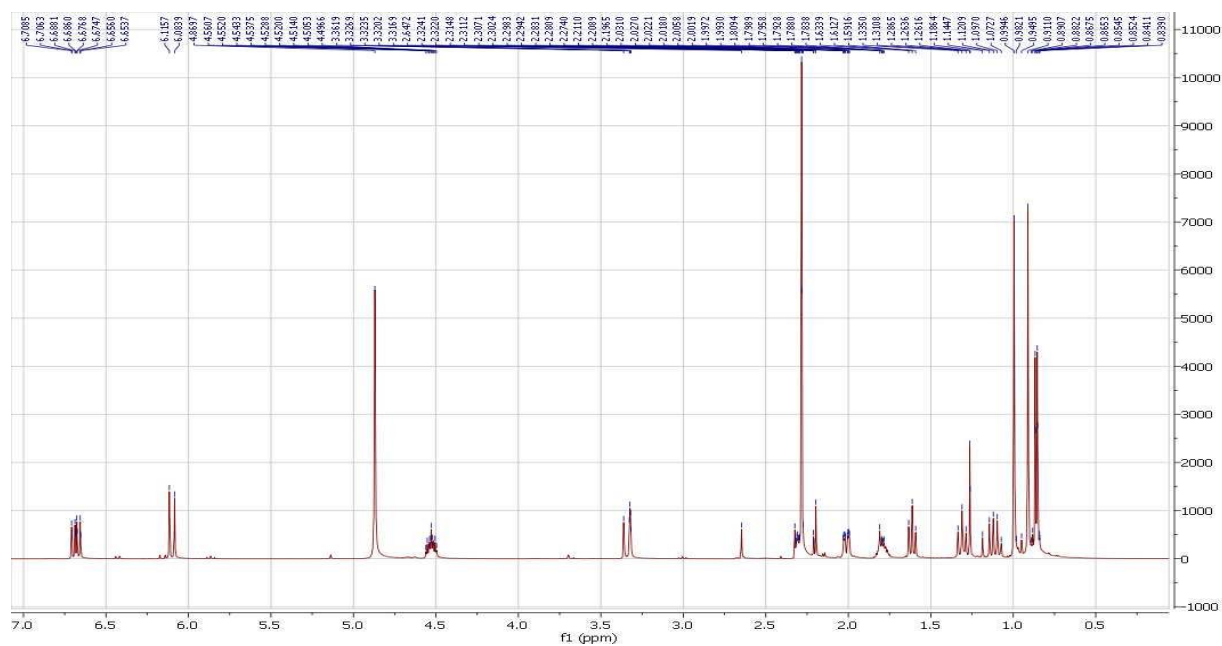


Figure S1. ^1H -NMR Spectrum of Compound **1** (500 MHz, CD_3OD)

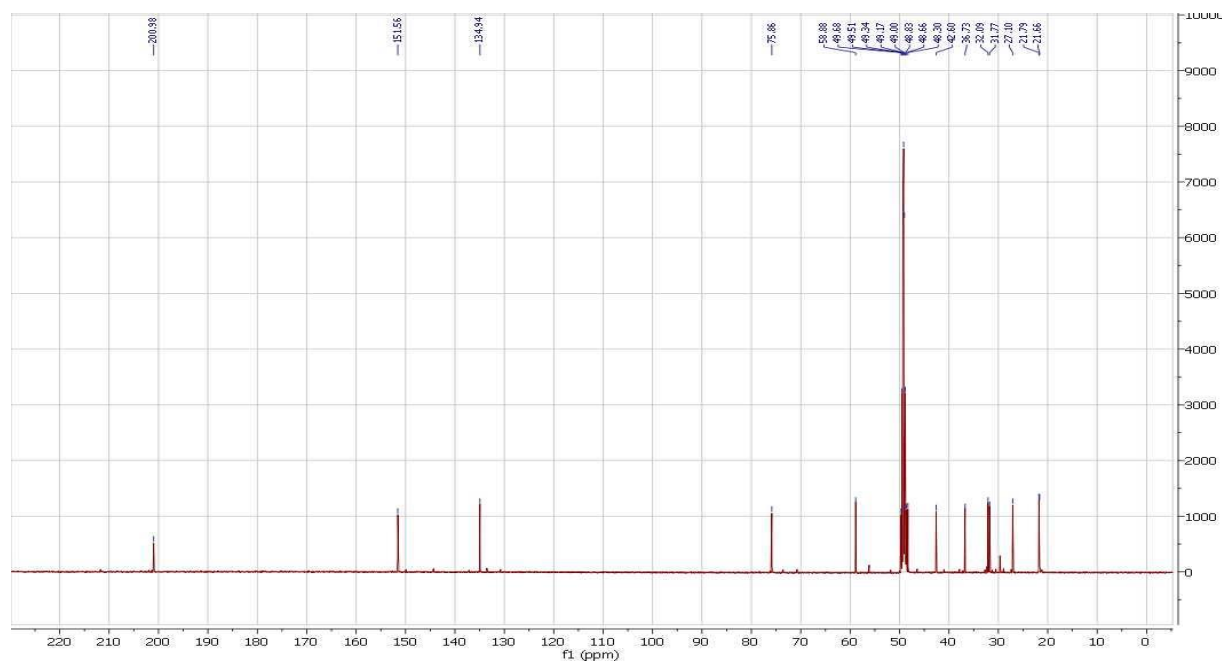


Figure S2. ^{13}C -NMR Spectrum of Compound **1** (125 MHz, CD_3OD)

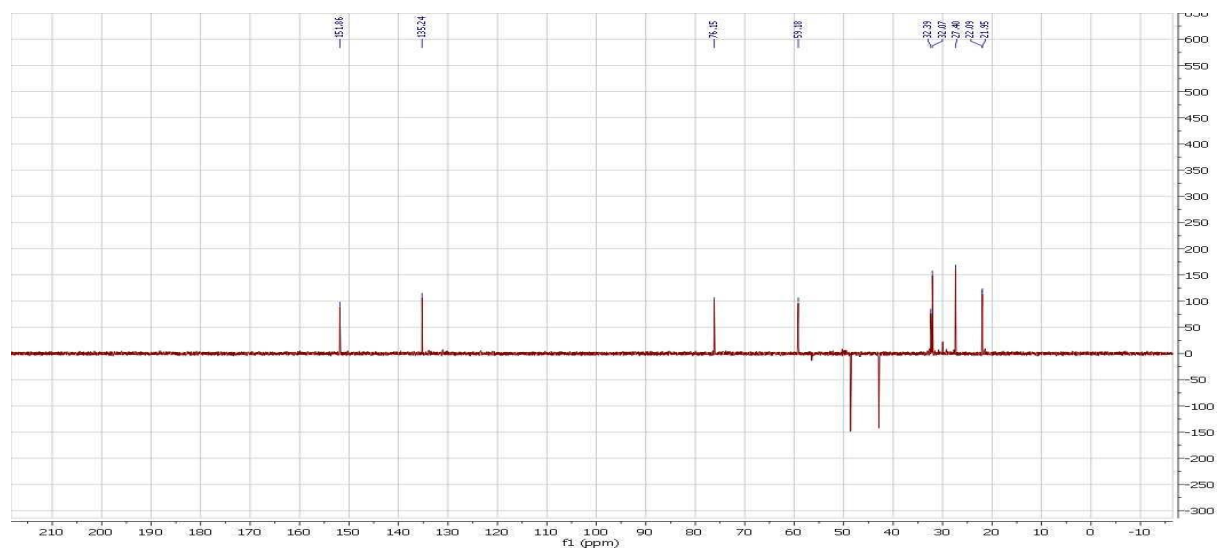


Figure S3. DEPT Spectrum of Compound **1** in CD₃OD

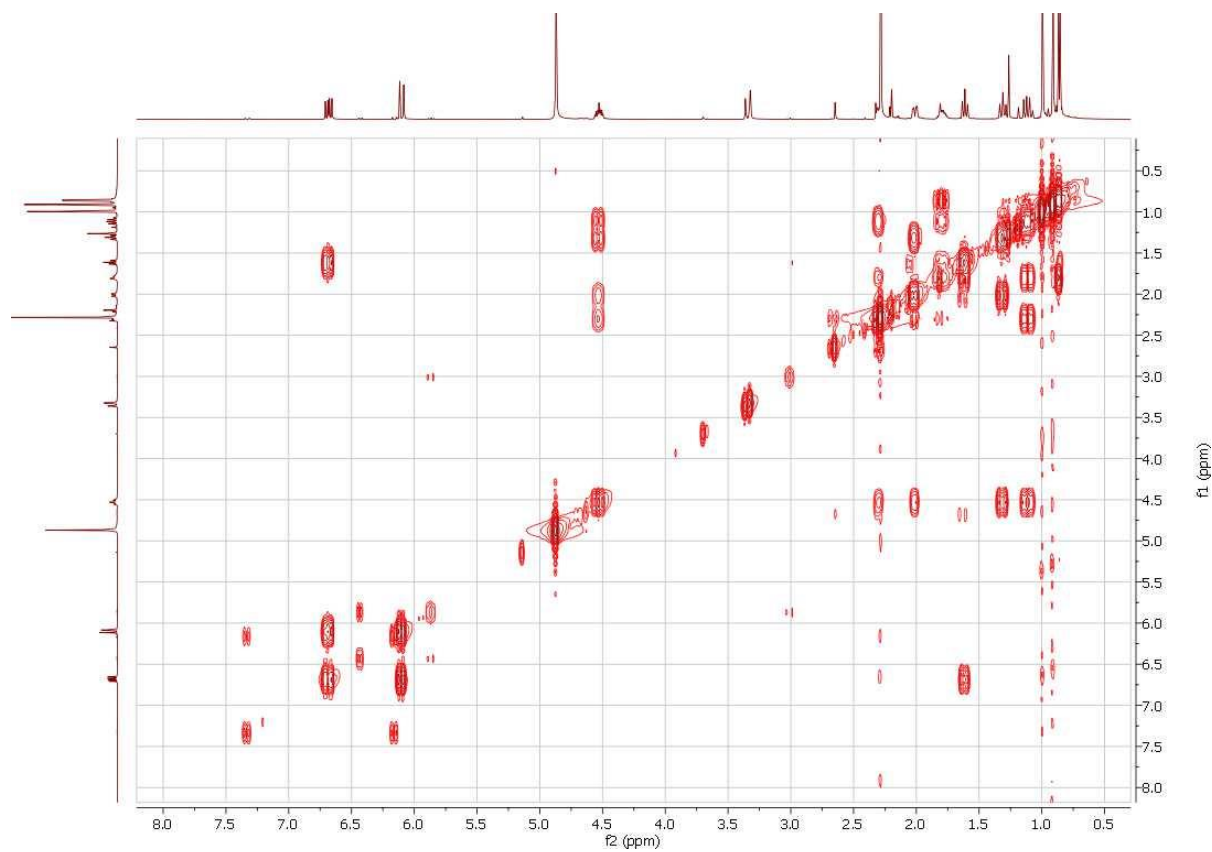


Figure S4. COSY Spectrum of Compound **1** (500 MHz, CD₃OD)

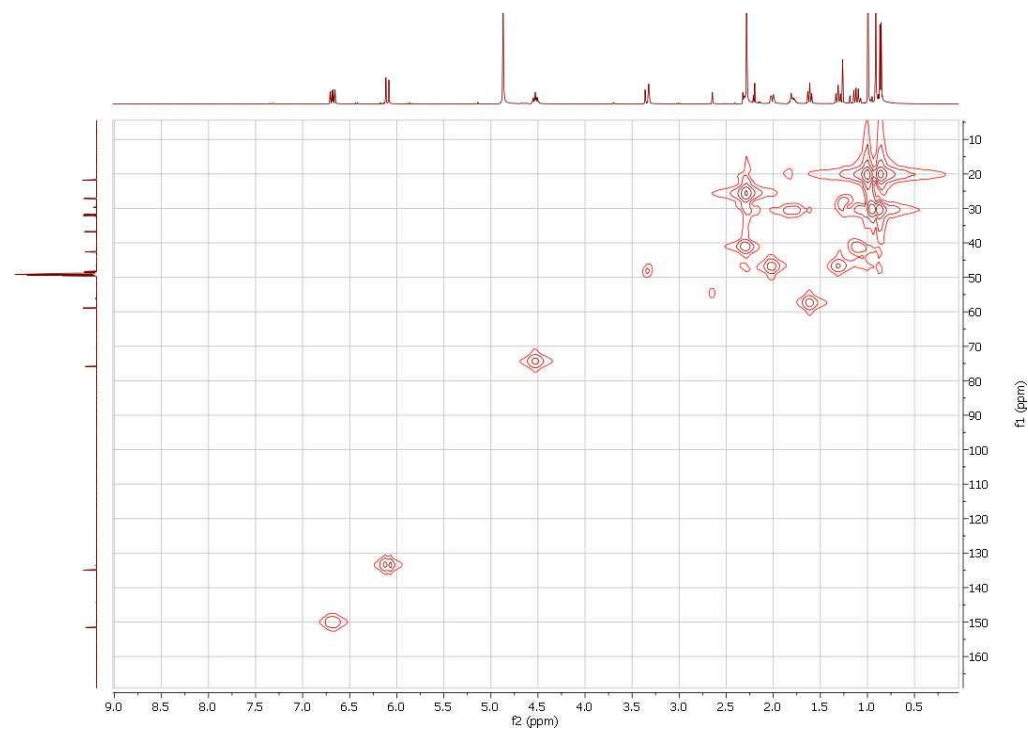


Figure S5. HMQC Spectrum of Compound **1** (500 MHz, CD₃OD)



Figure S6. HMBC Spectrum of Compound **1** (500 MHz, CD₃OD)

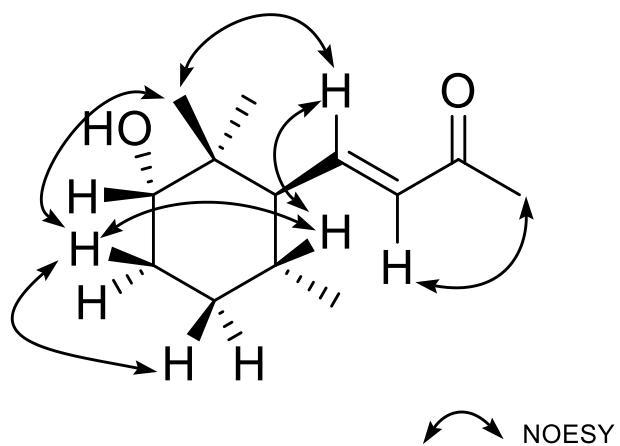
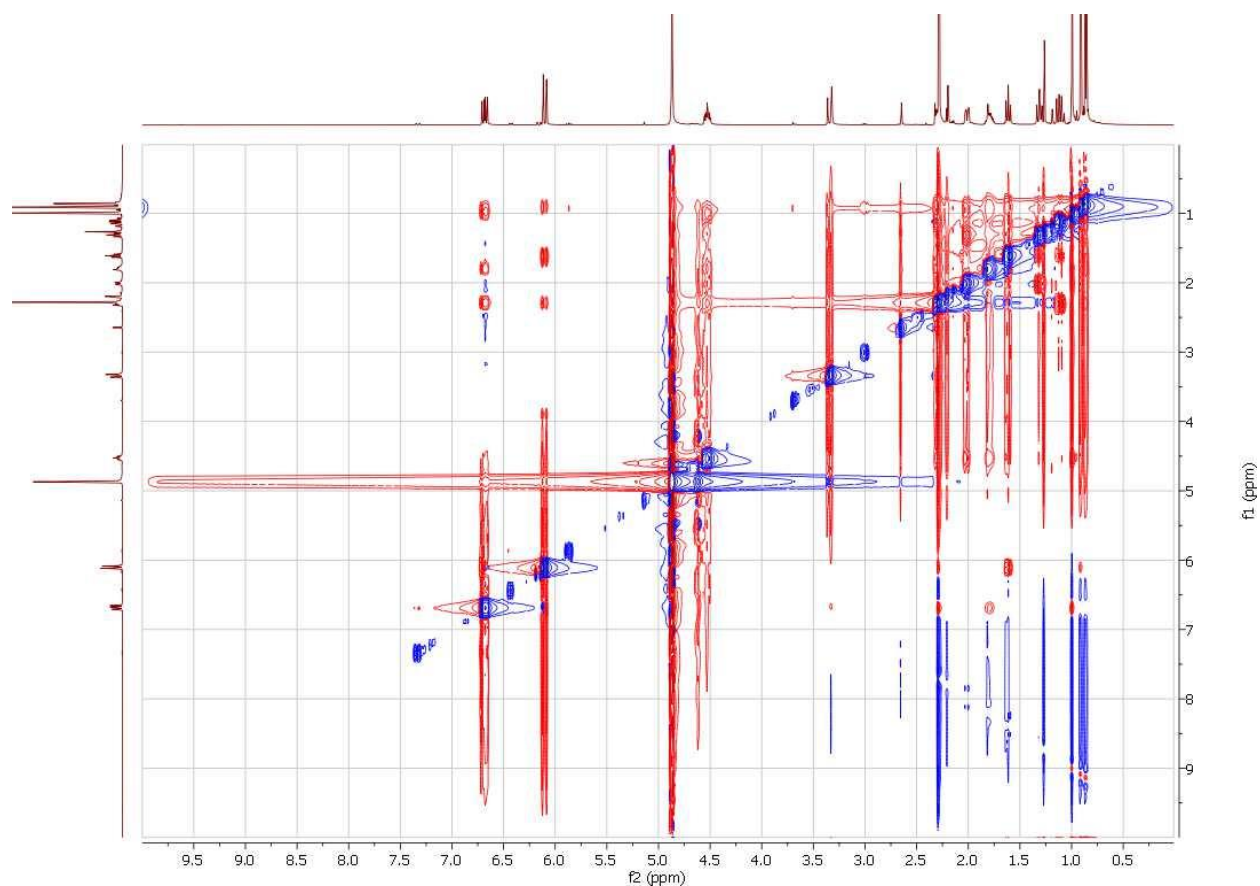


Figure S7. NOESY Spectrum of Compound **1** (500 MHz, CD₃OD)

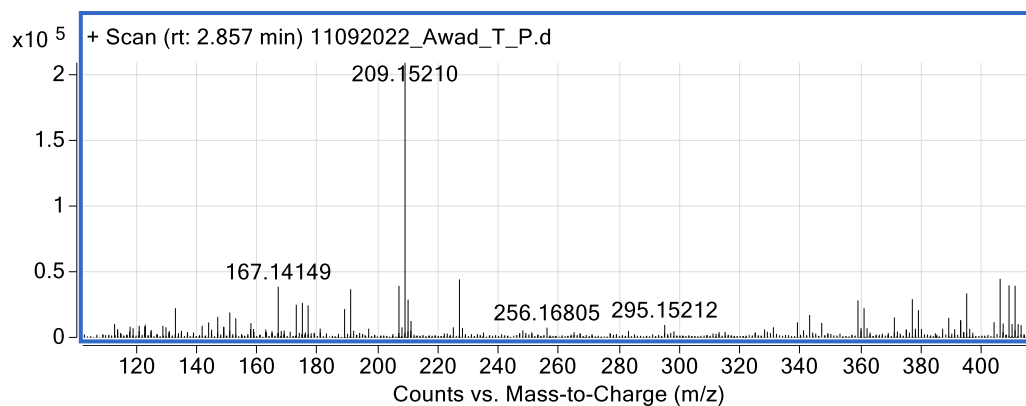


Figure S8. HRESI-MS of Compound 1

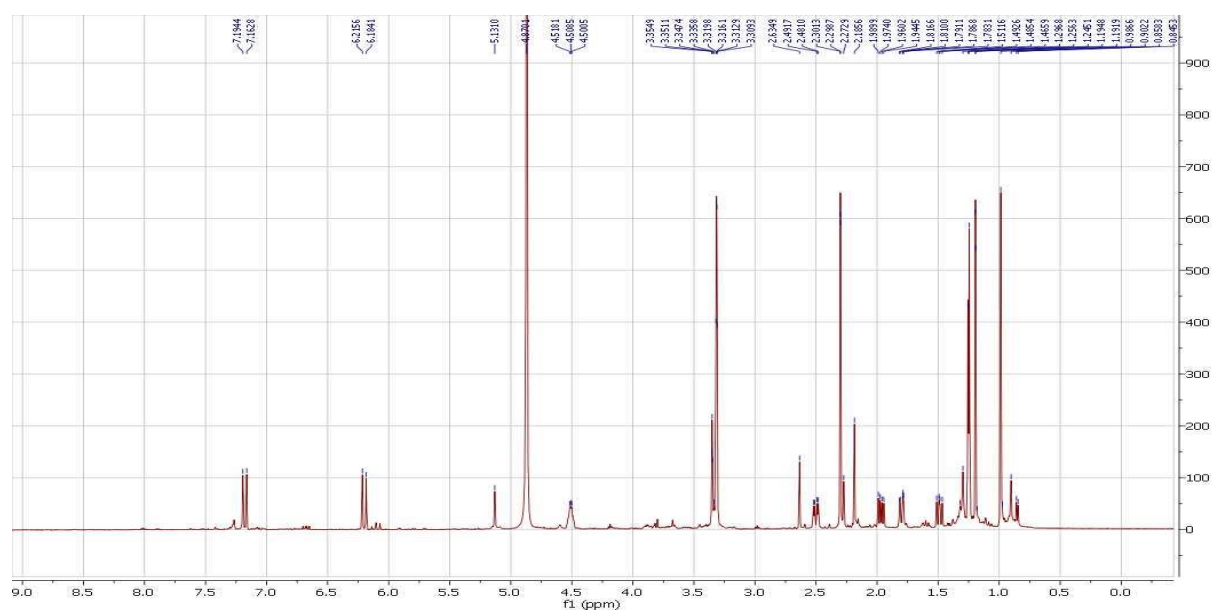


Figure S9. ¹H-NMR Spectrum of Compound 2 (500 MHz, CD₃OD)

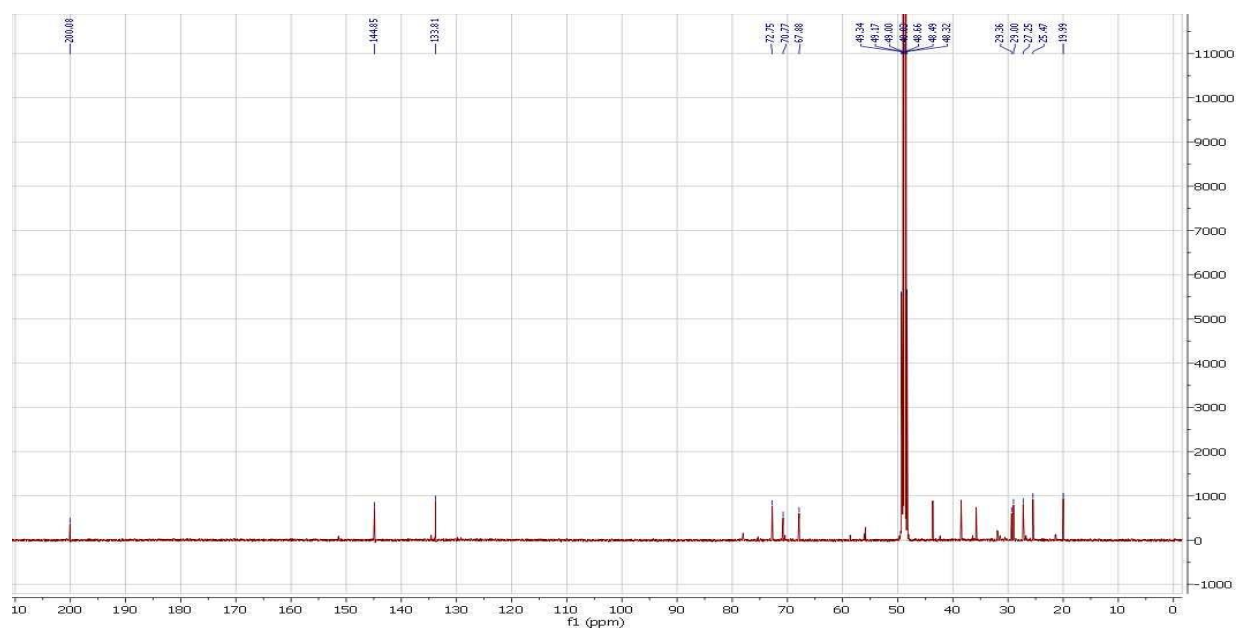


Figure S10. ^{13}C -NMR Spectrum of Compound 2 (125 MHz, CD_3OD)

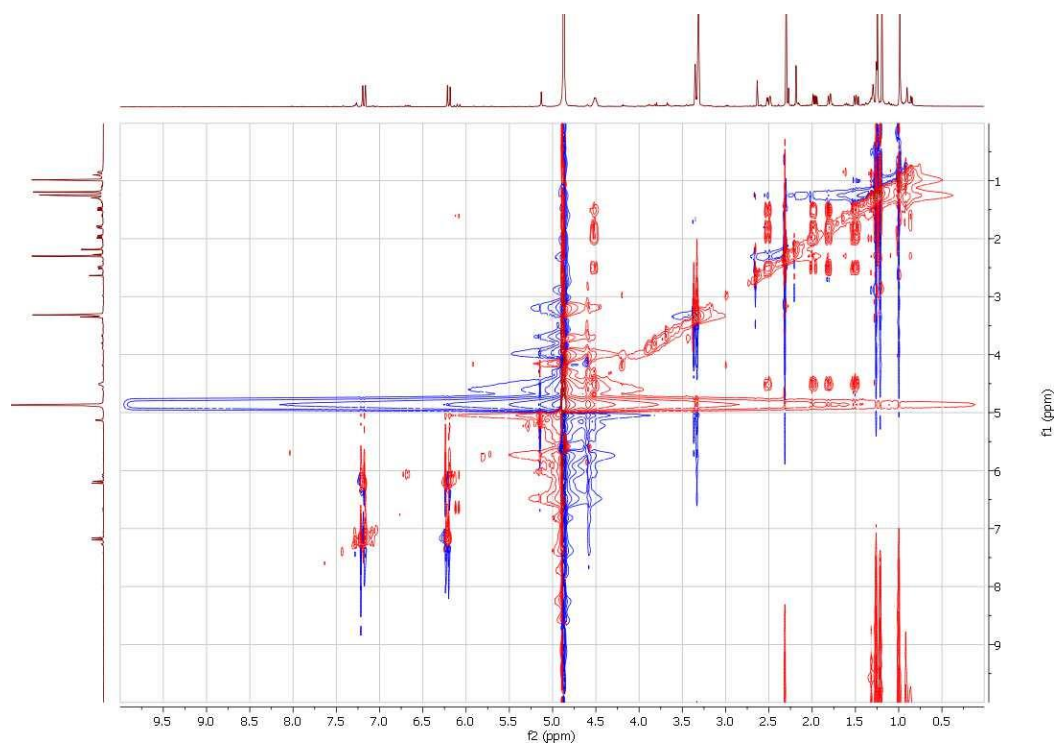
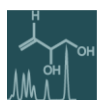


Figure S11. TOCSY Spectrum of Compound **2** (500 MHz, CD₃OD)

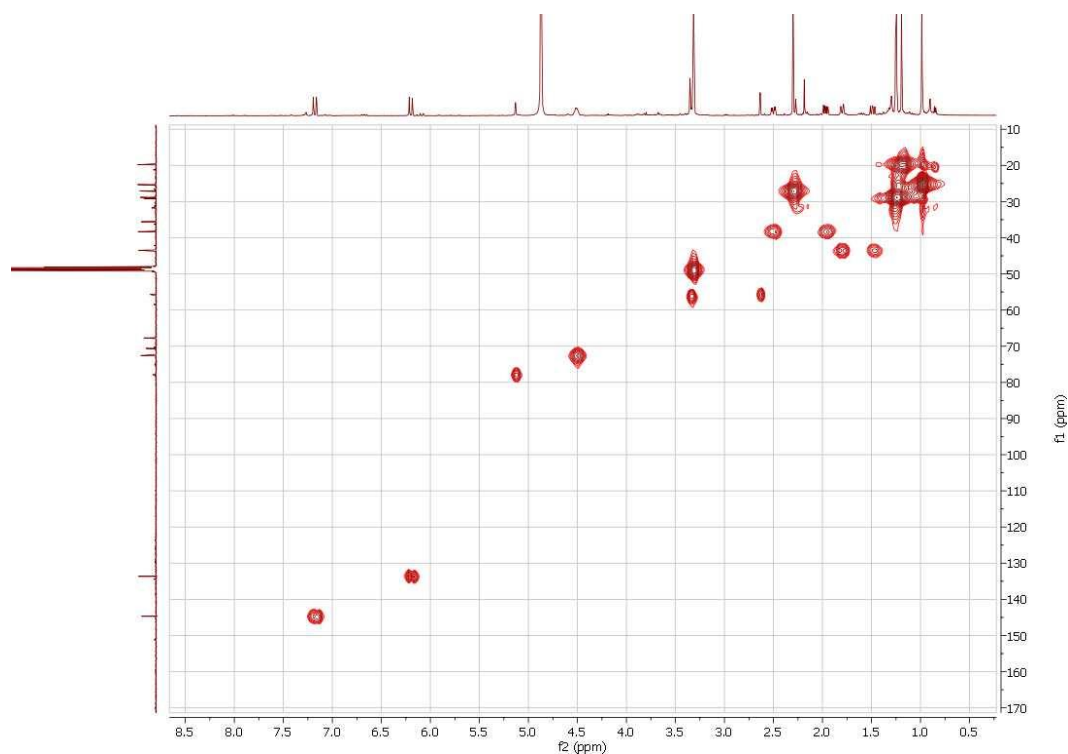


Figure S12. HMQC Spectrum of Compound **2** (500 MHz, CD₃OD)

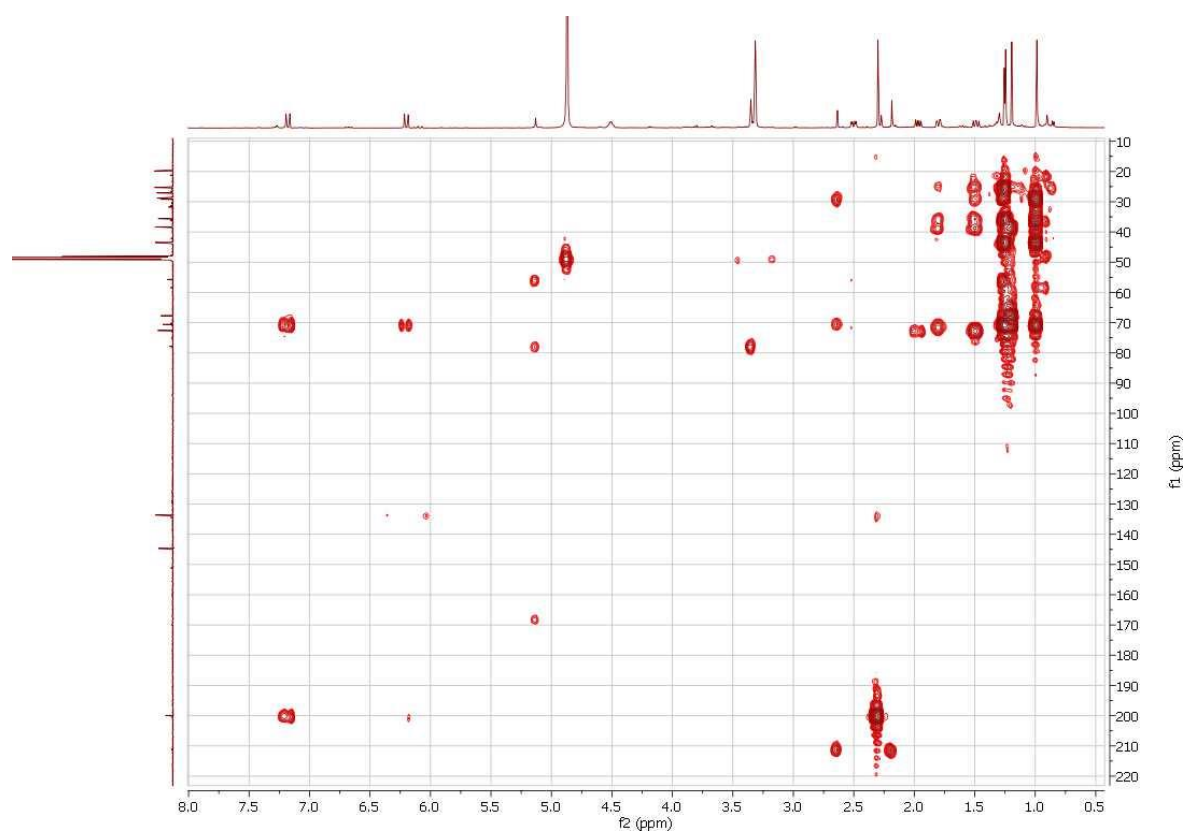
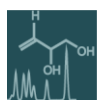


Figure S13. HMBC Spectrum of Compound **2** (500 MHz, CD₃OD)

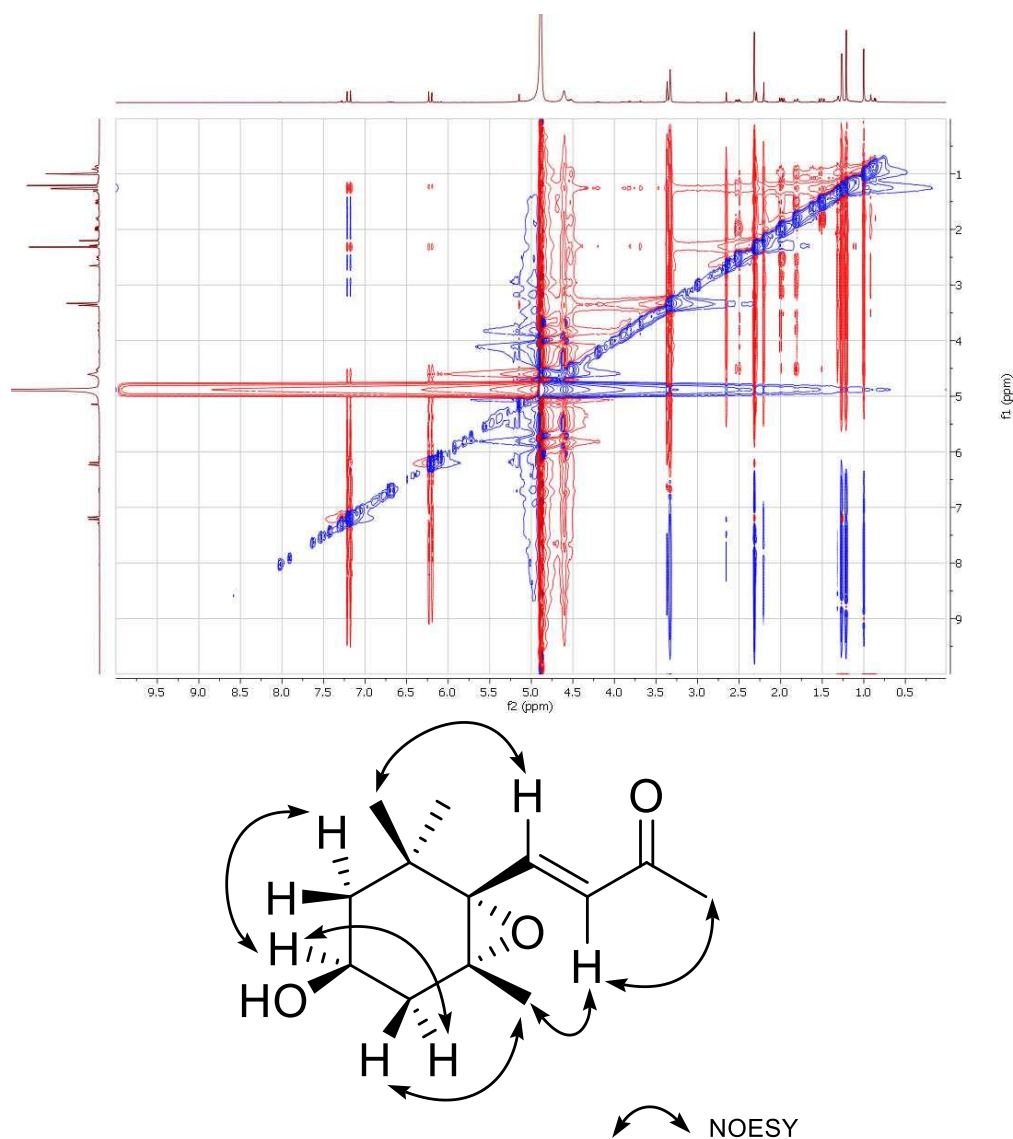


Figure S14. NOESY Spectrum of Compound 2 (500 MHz, CD₃OD)



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T: FTMS + p ESI Full ms [100.00-1000.00]

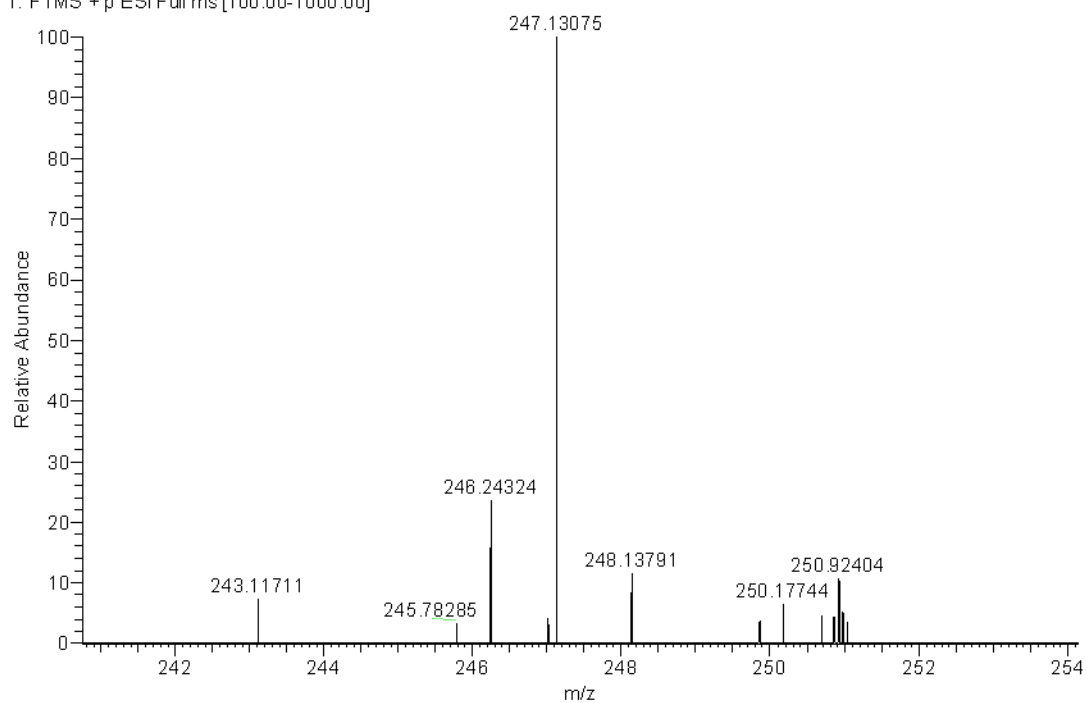


Figure S15. HRESI-MS of Compound 2