

Supporting Information

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A New Dimeric Sesquiterpenoid from *Chloranthus japonicus* Sieb.

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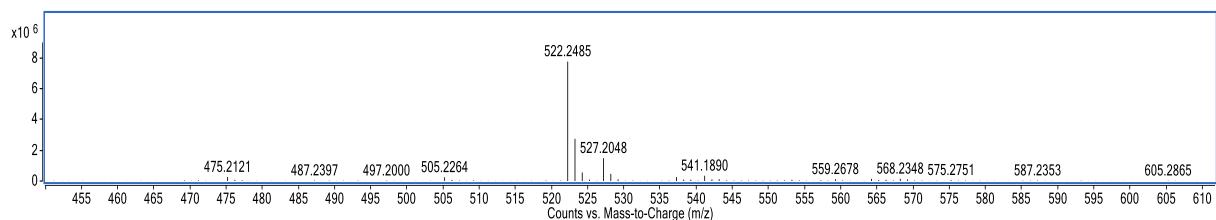
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Formula	Score (MFG)	Mass	Mass (MFG)	<i>m/z</i> (calcd.)	Diff (ppm)	<i>m/z</i>
C ₃₀ H ₃₂ O ₇	100	504.2147	504.2148	522.2486	0.26	522.2485
C ₃₀ H ₃₂ O ₇	99.96	504.2156	504.2148	527.2040	-1.54	527.2048

Figure S1: HRESIMS spectrum of **1**

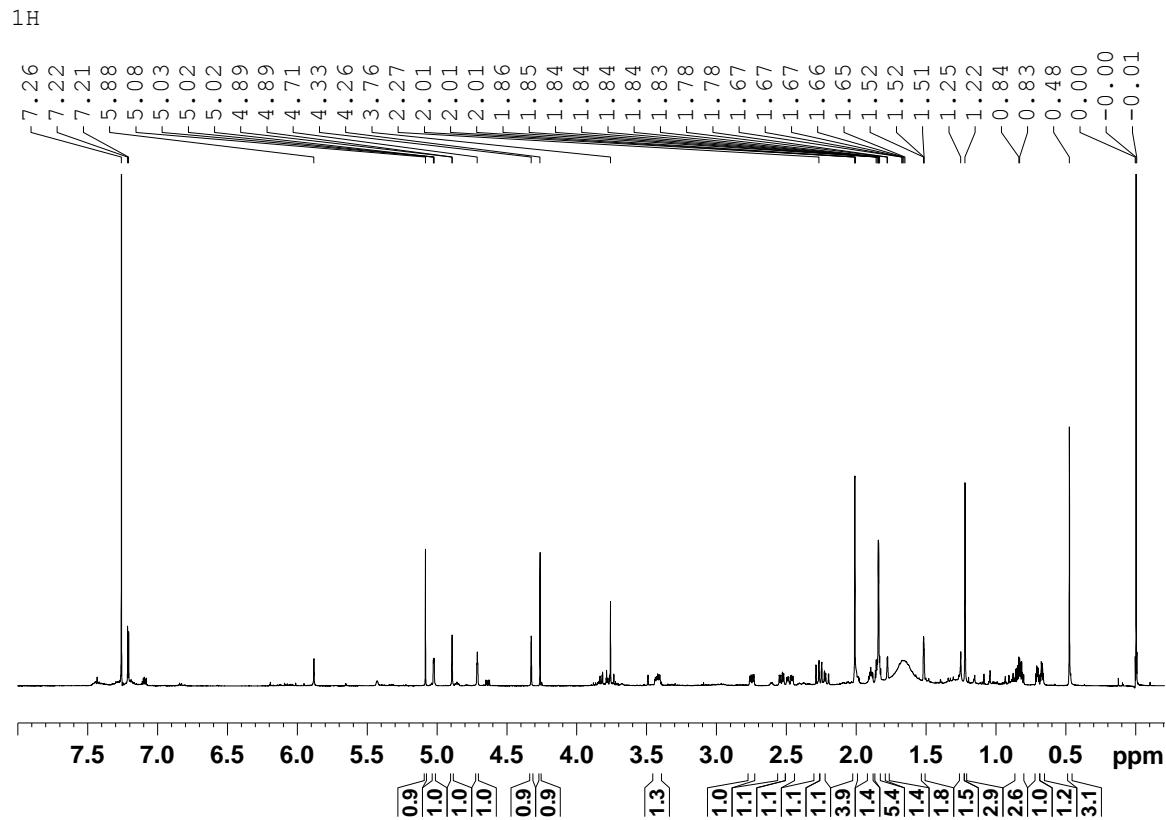


Figure S2: ¹H NMR spectrum of **1**

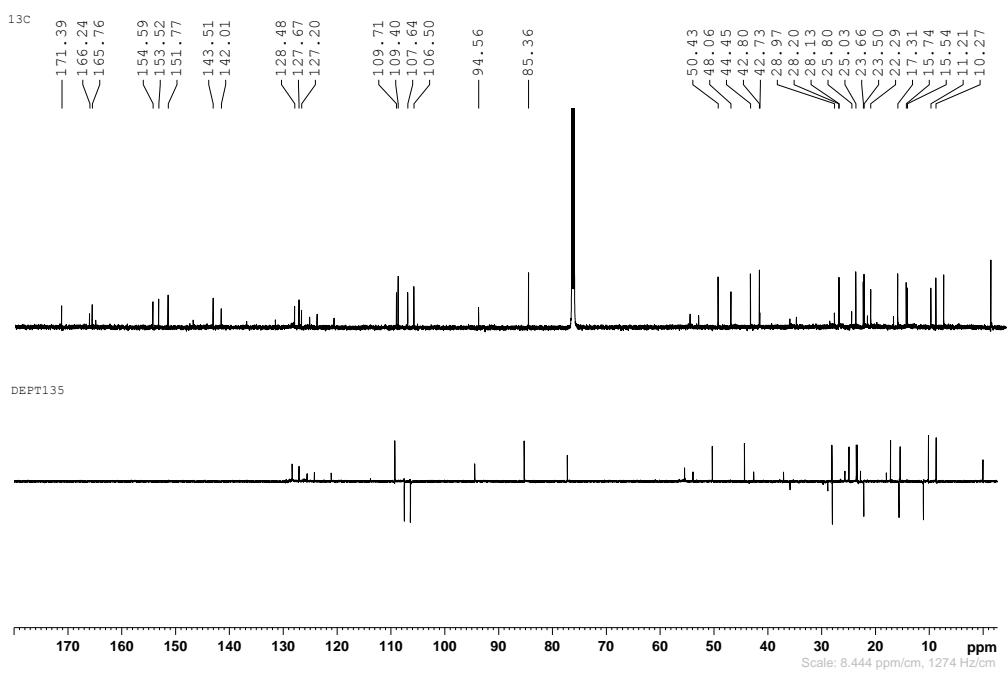


Figure S3: ^{13}C NMR and DEPT135 spectra of **1**

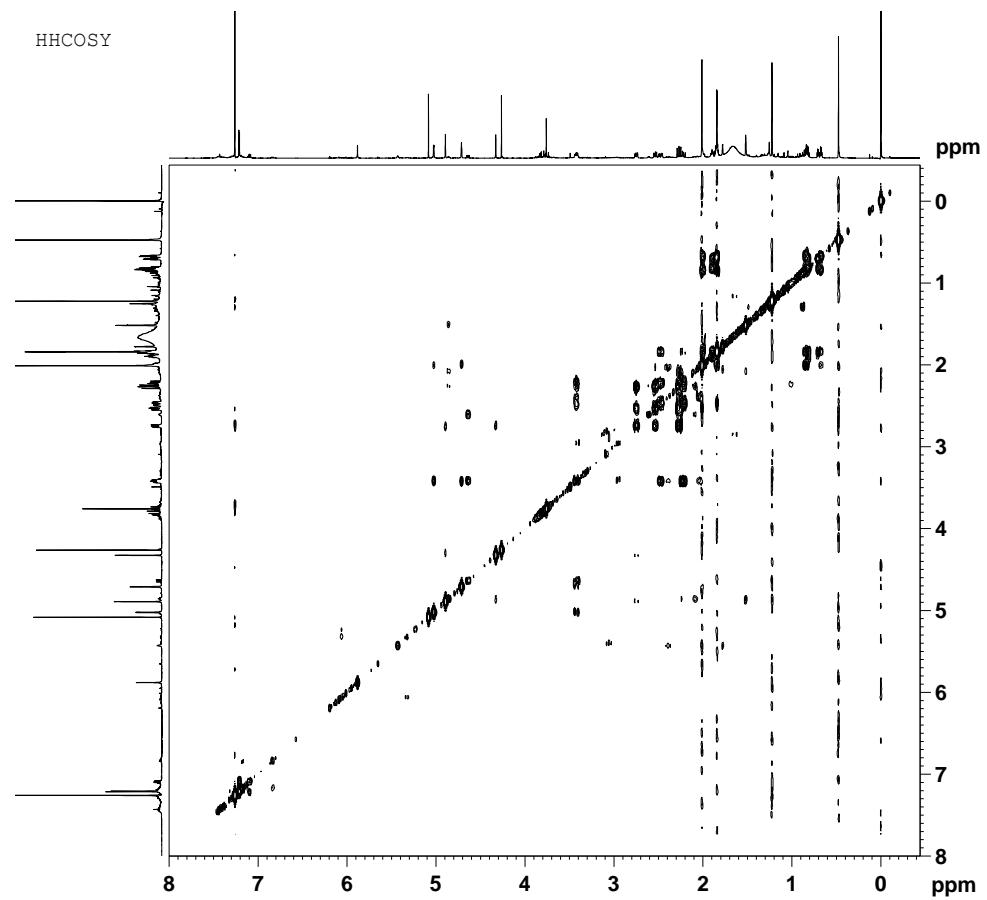


Figure S4: ^1H - ^1H COSY spectrum of **1**

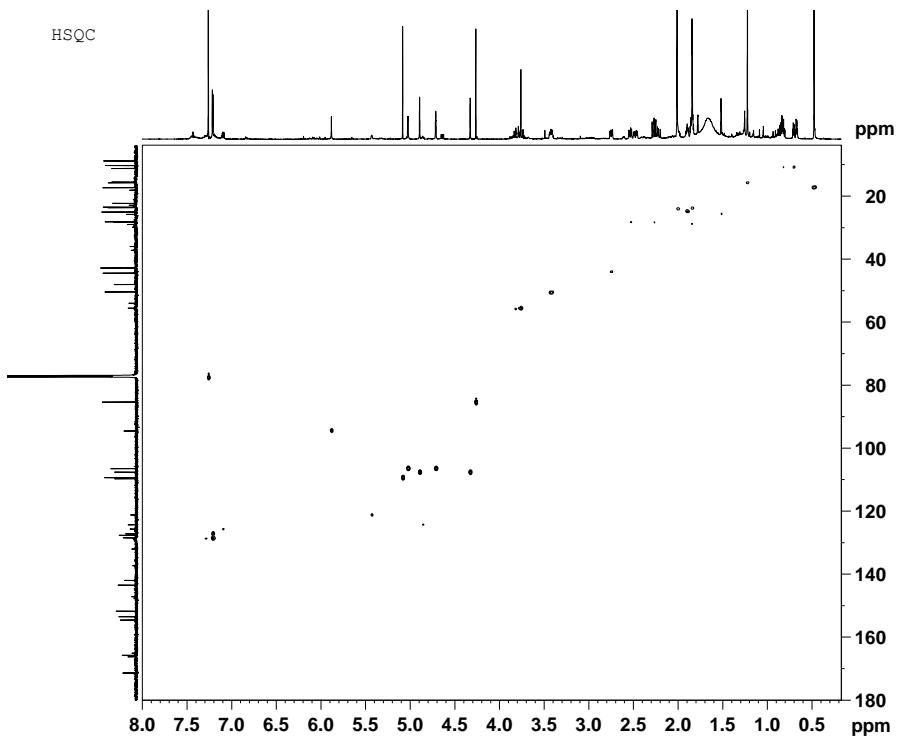


Figure S5: HSQC spectrum of **1**

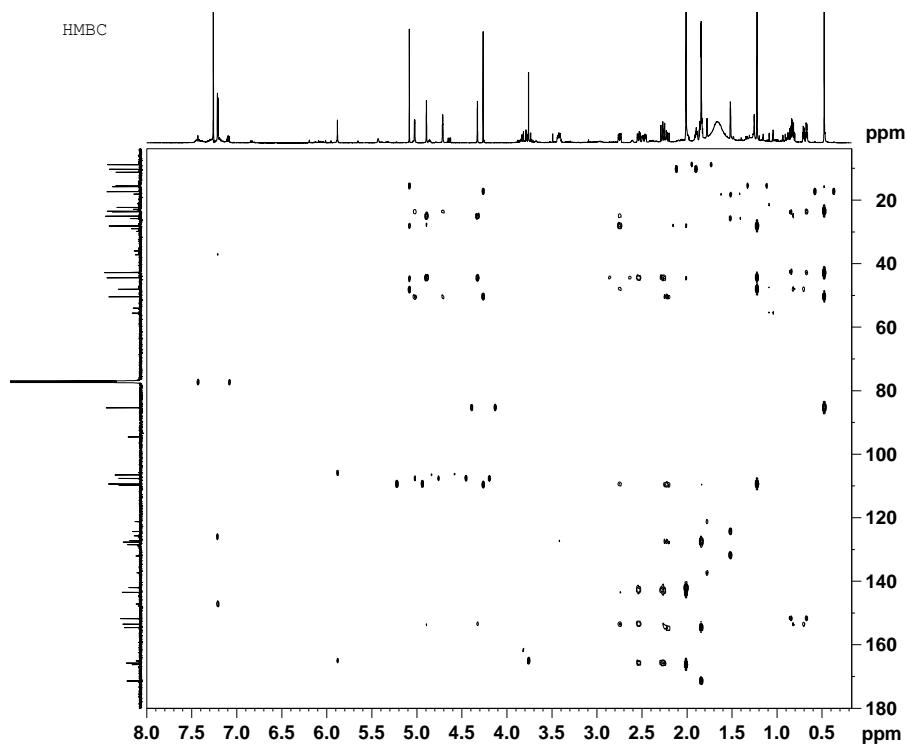


Figure S6: HMBC spectrum of **1**

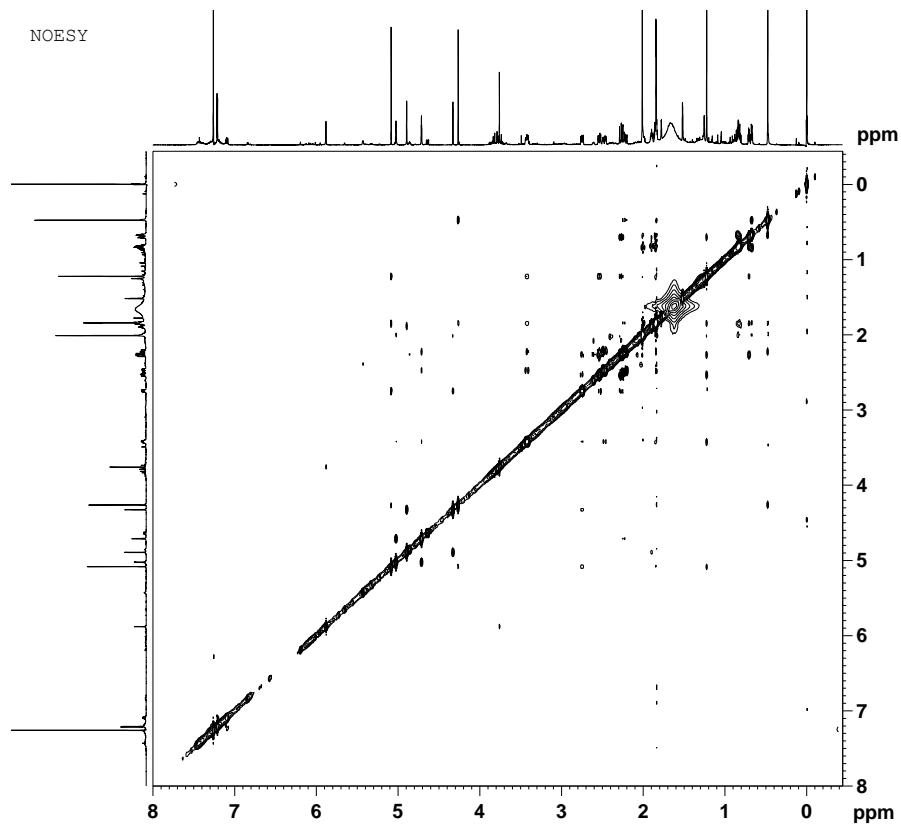


Figure S7: NOESY spectrum of **1**

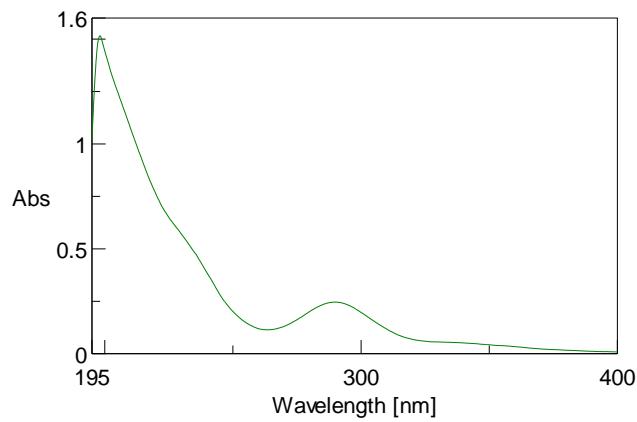


Figure S8: UV spectrum of **1**

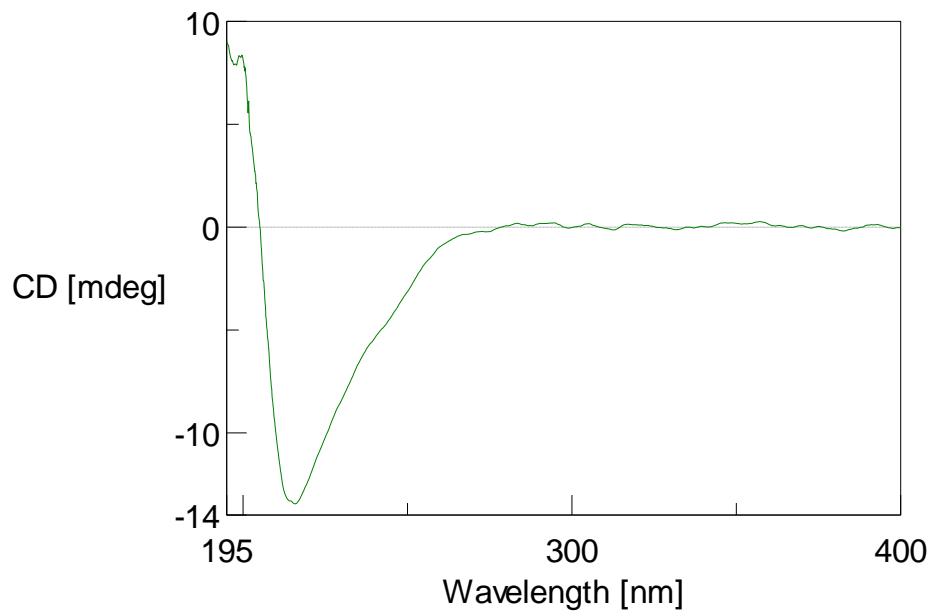


Figure S9: ECD spectrum of **1**

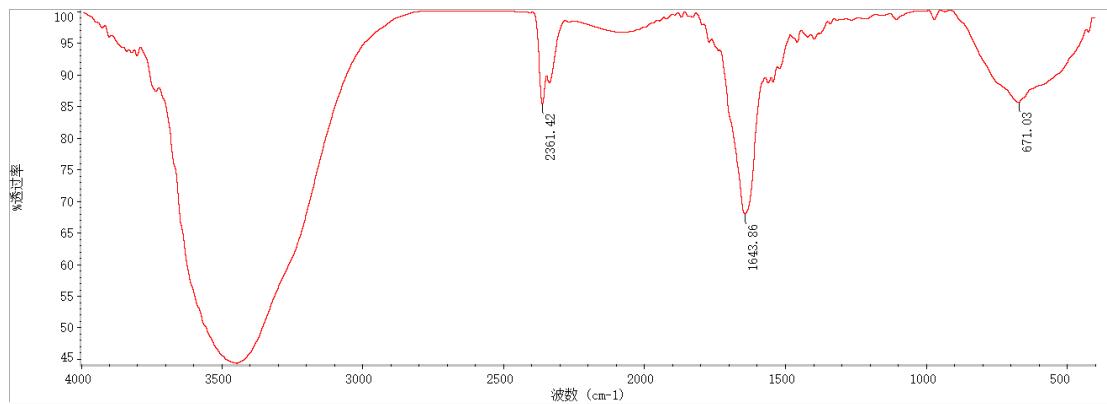
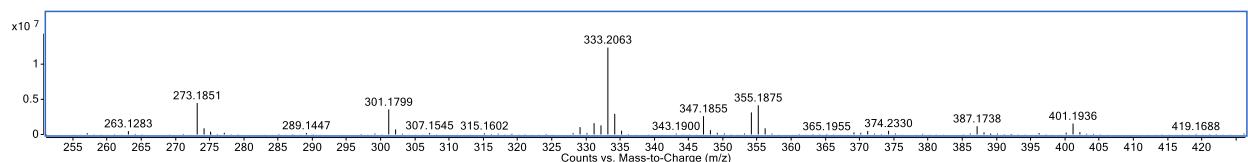


Figure S10: IR spectrum of **1**



Formula	Score (MFG)	Mass	Mass (MFG)	<i>m/z</i> (calcd.)	Diff (ppm)	<i>m/z</i>
C ₂₀ H ₂₈ O ₄	99.99	332.1990	332.1988	333.2060	-0.80	333.2063
C ₂₀ H ₂₈ O ₄	99.97	332.1983	332.1988	355.1880	1.45	355.1875

Figure S11: HRESIMS spectrum of 2

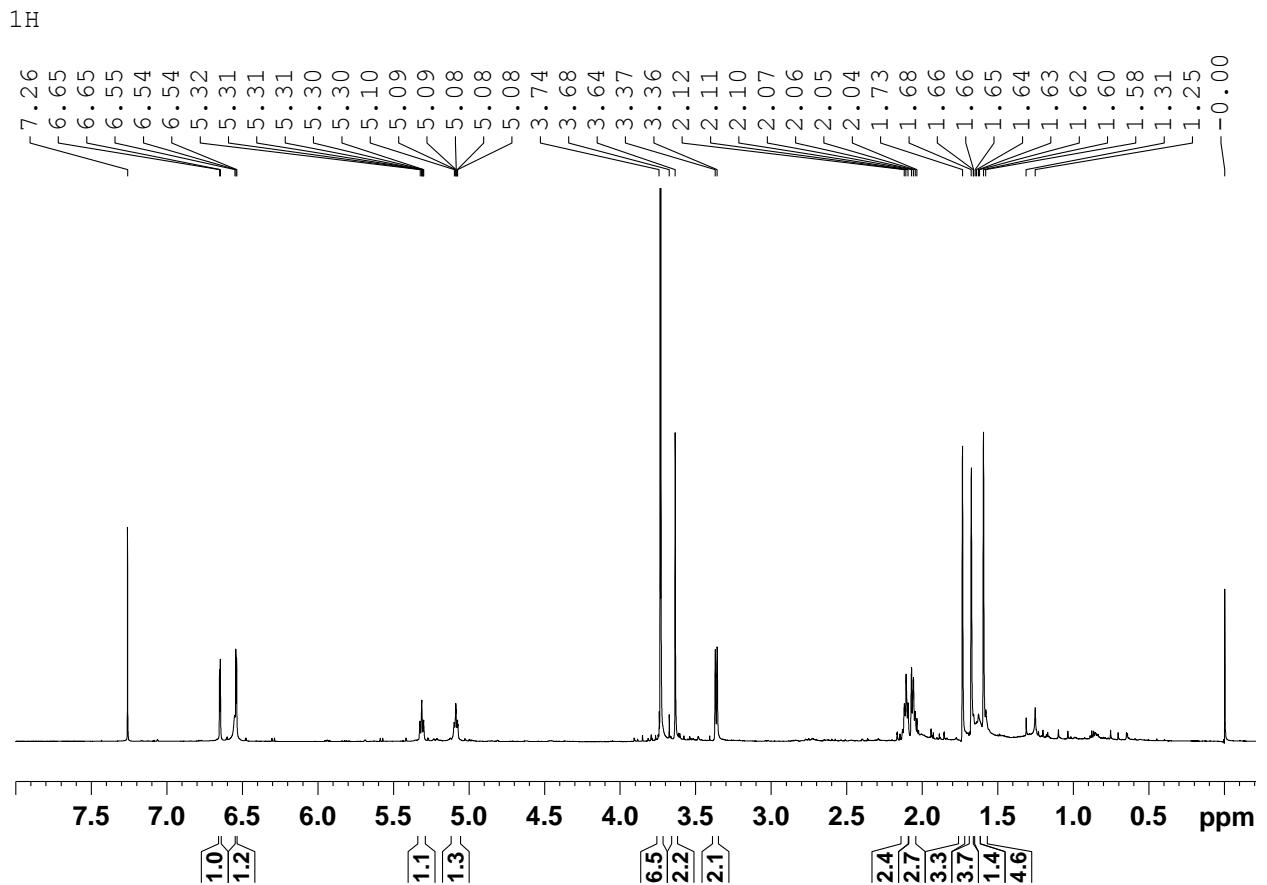


Figure S12: ¹H NMR spectrum of 2

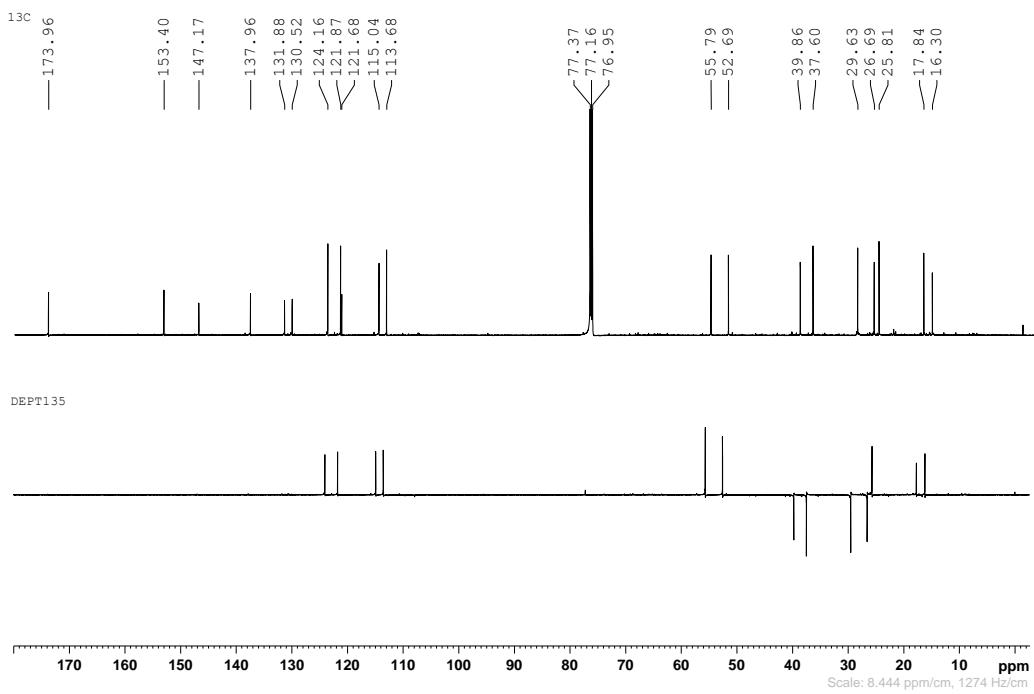


Figure S13: ¹³C NMR and DEPT135 spectra of **2**

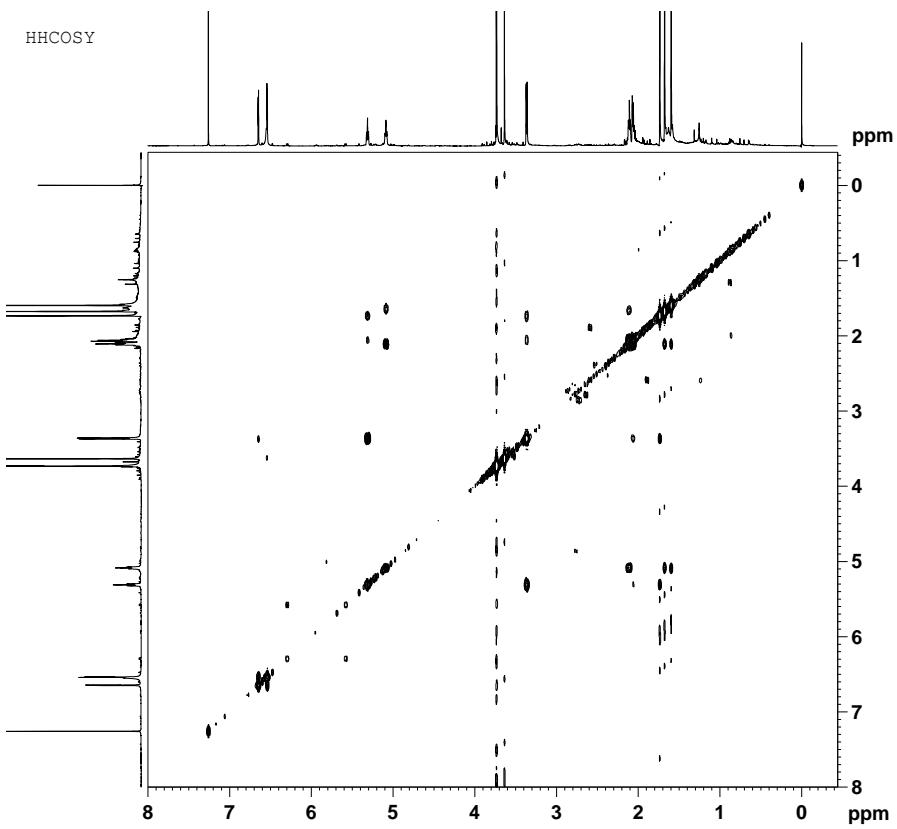


Figure S14: ¹H-¹H COSY spectrum of **2**

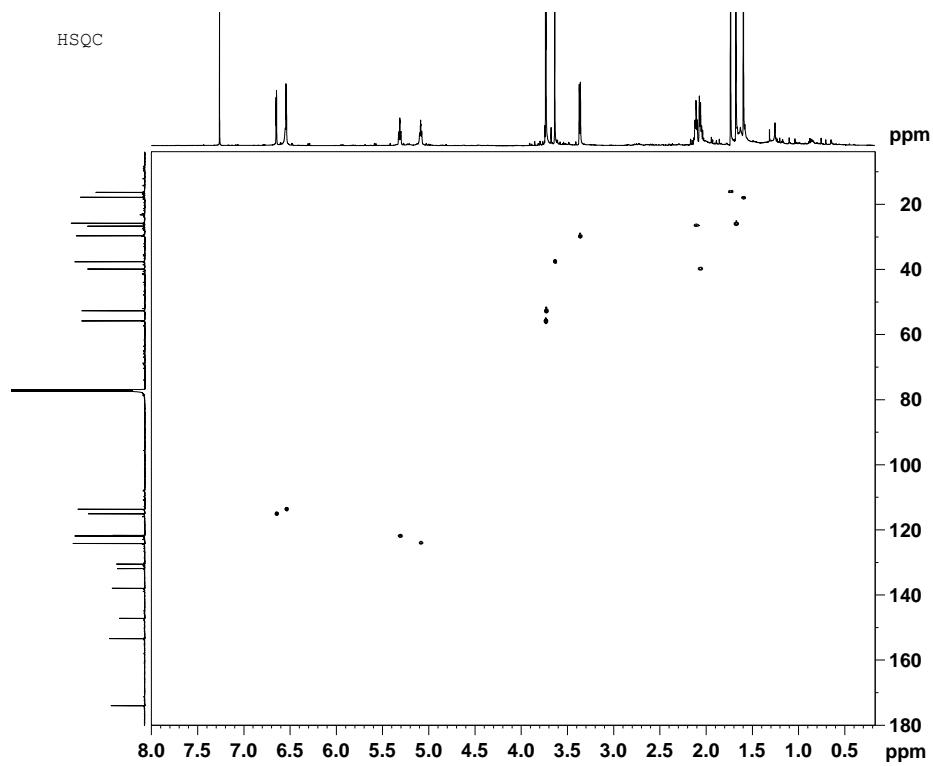


Figure S15: HSQC spectrum of 2

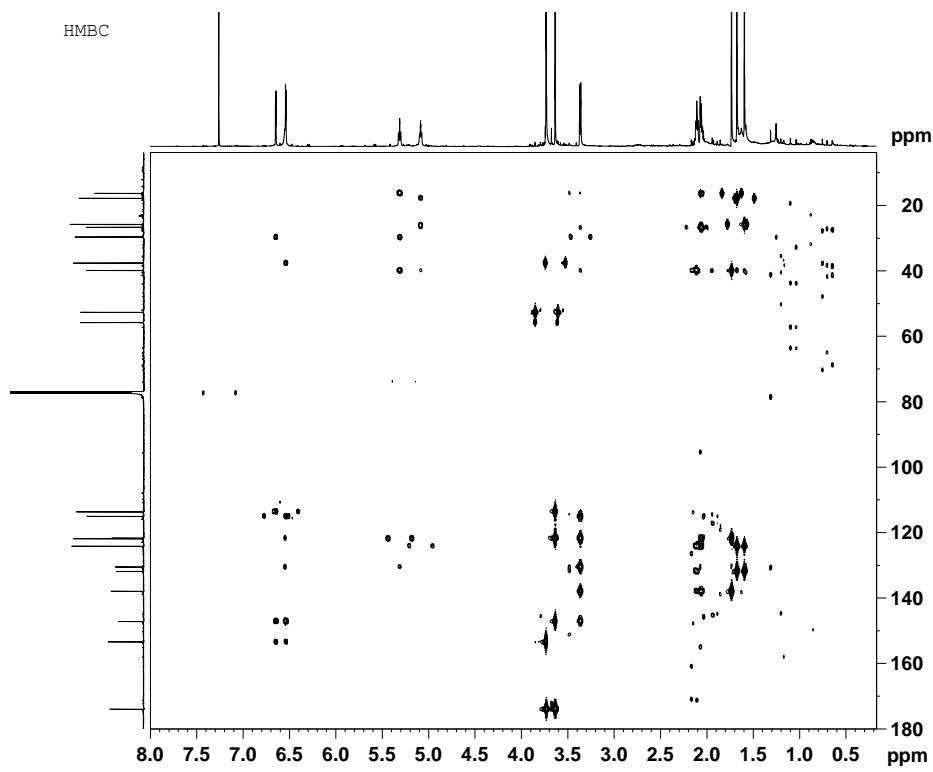


Figure S16: HMBC spectrum of 2

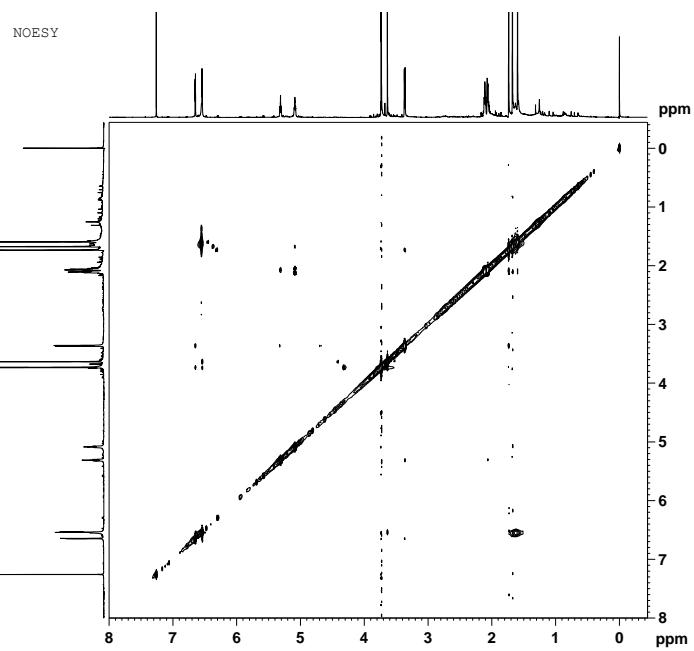


Figure S17: NOESY spectrum of **2**

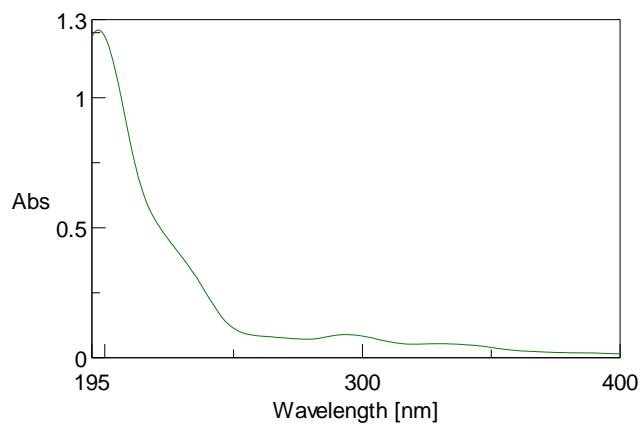


Figure S18: UV spectrum of **2**

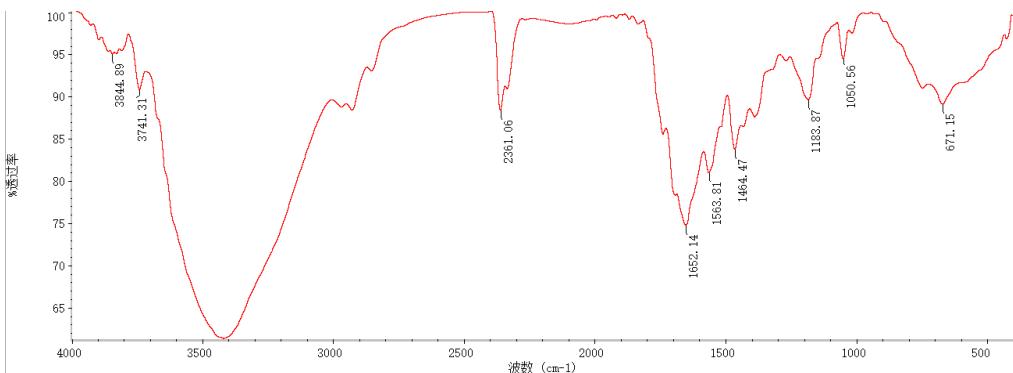
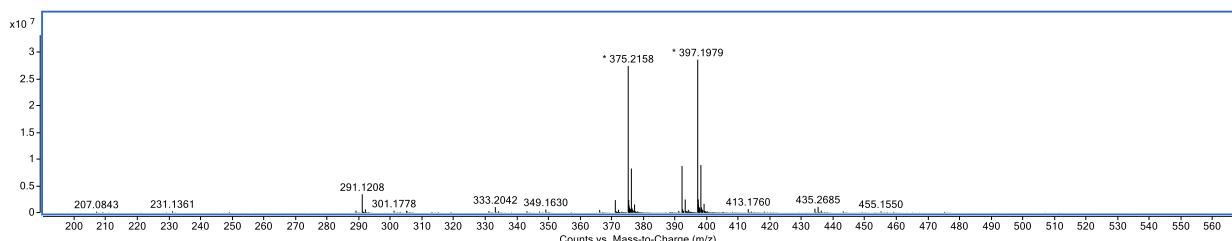


Figure S19: IR spectrum of **2**



Formula	Score (MFG)	Mass	Mass (MFG)	<i>m/z</i> (calcd.)	Diff (ppm)	<i>m/z</i>
C ₂₂ H ₃₀ O ₅	99.93	374.2085	374.2093	375.2166	2.14	375.2158
C ₂₂ H ₃₀ O ₅	99.95	374.2087	374.2093	397.1985	1.72	397.1979

Figure S20: HRESIMS spectrum of 3

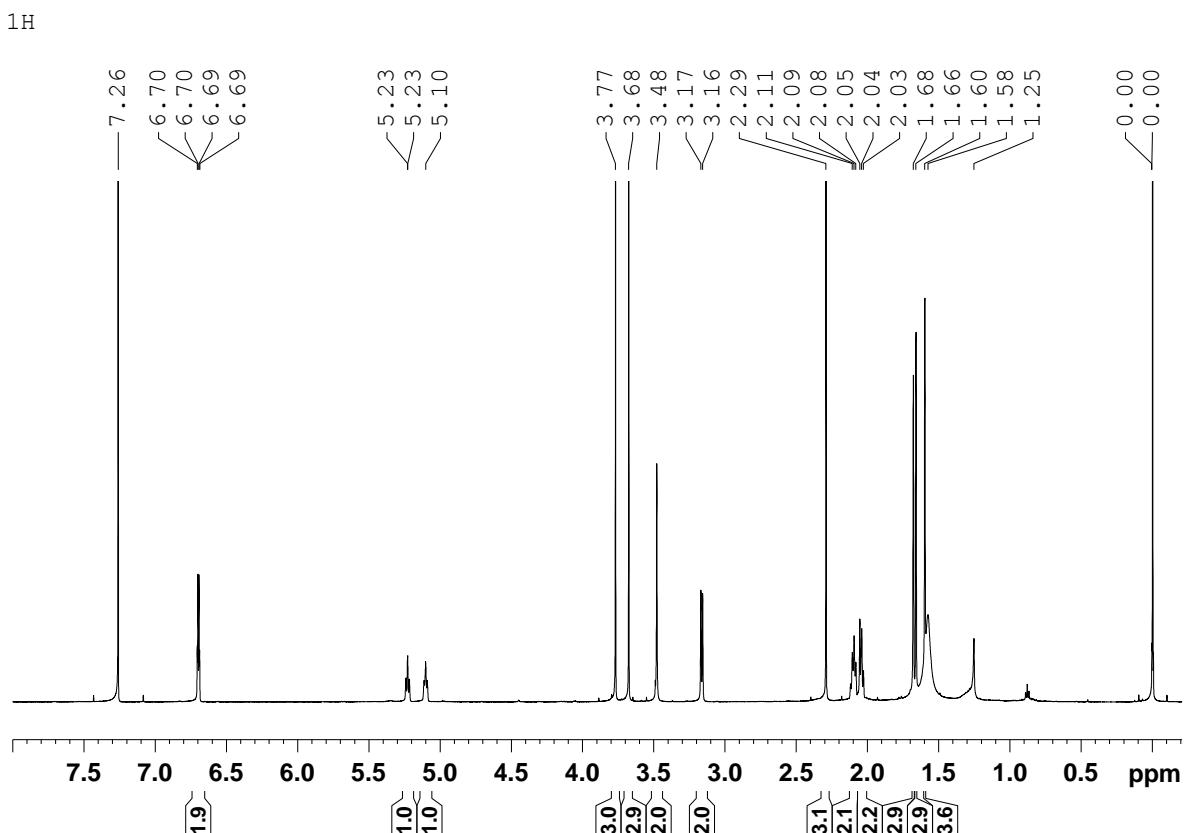


Figure S21: ¹H NMR spectrum of 3

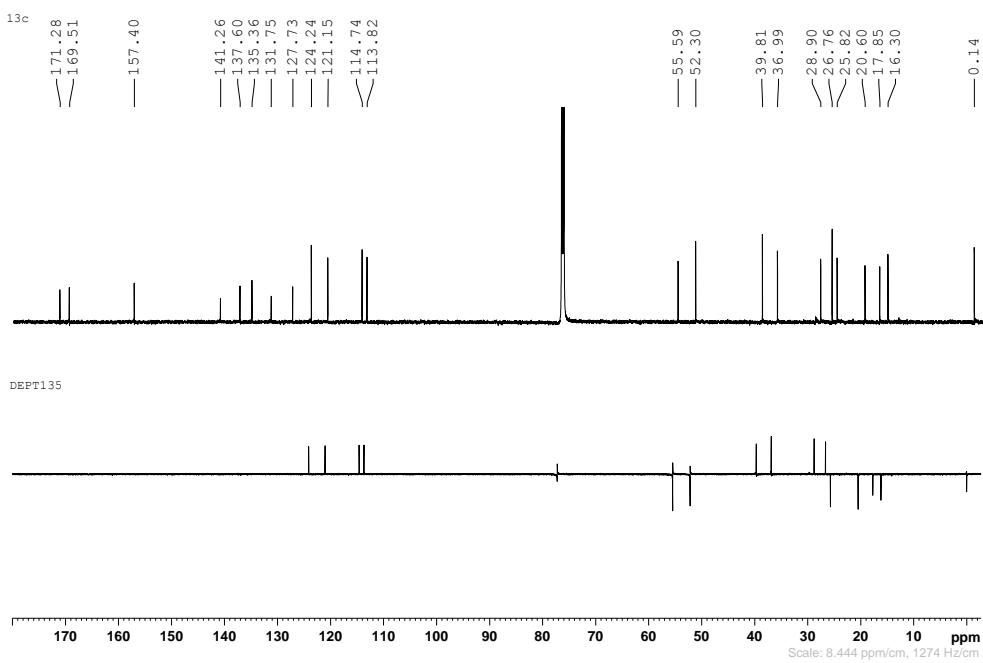


Figure S22: ^{13}C NMR and DEPT135 spectra of **3**

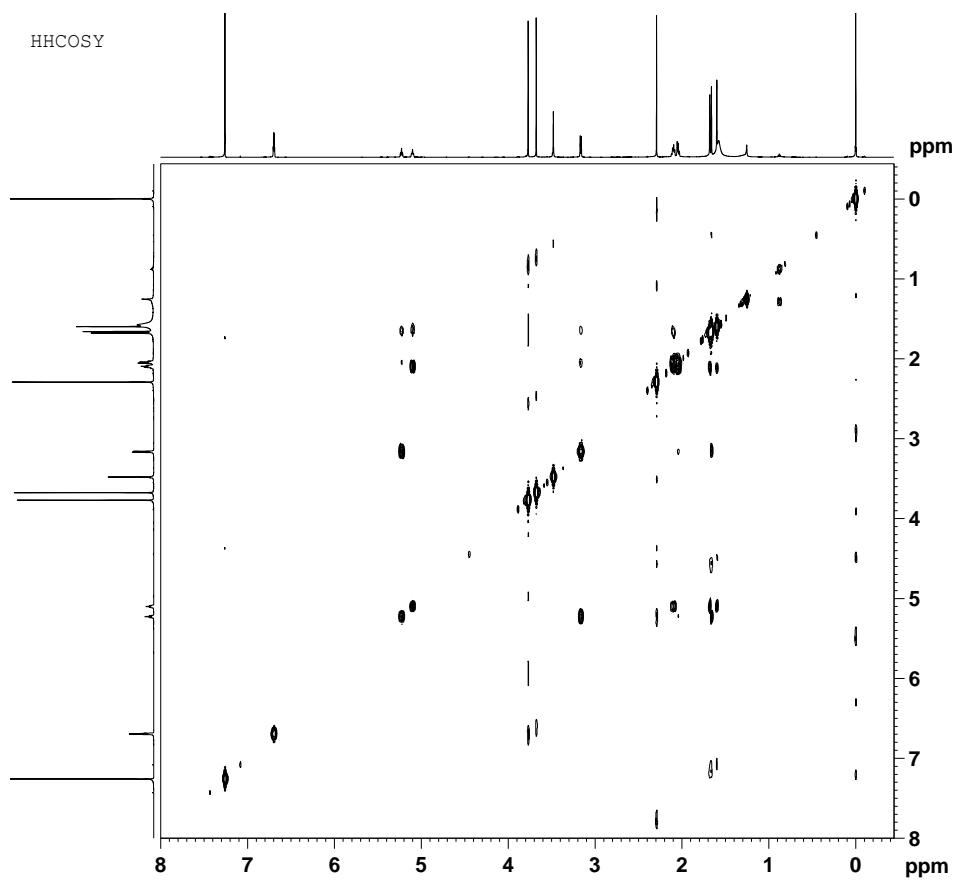


Figure S23: ^1H - ^1H COSY spectrum of **3**

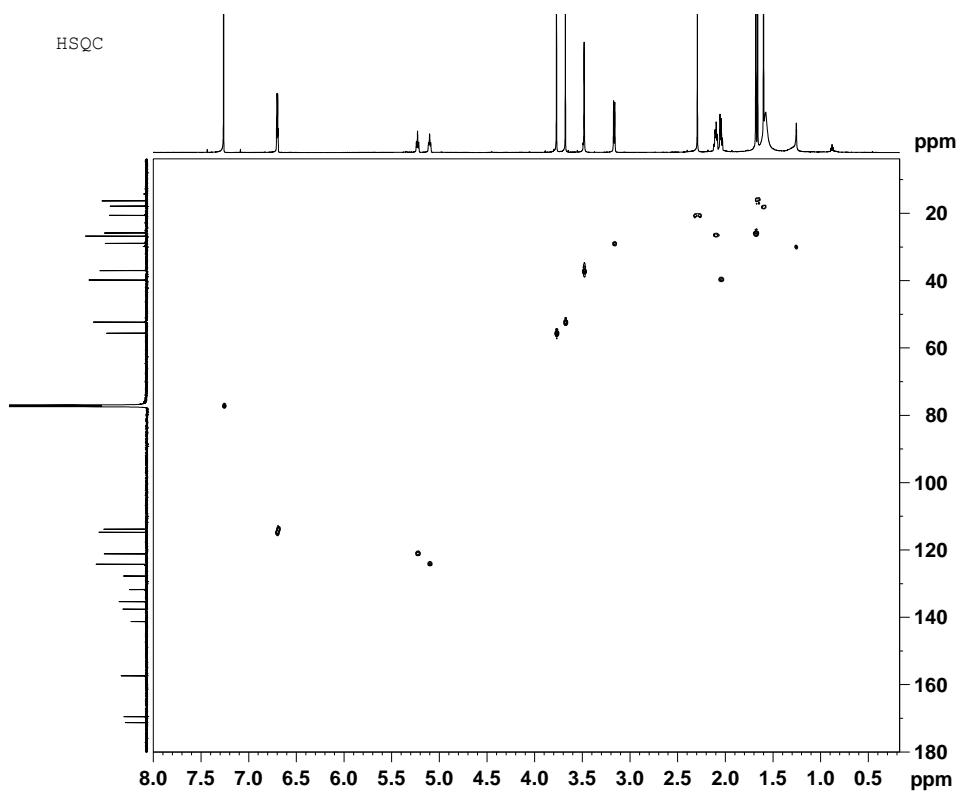


Figure S24: HSQC spectrum of 3

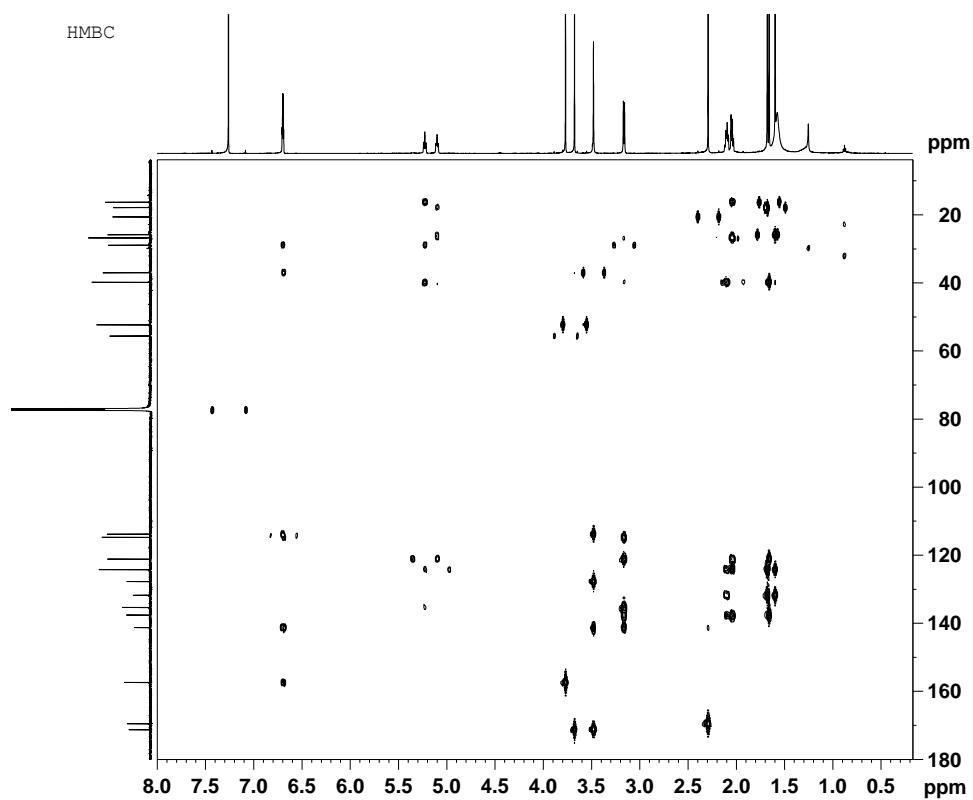


Figure S25: HMBC spectrum of 3

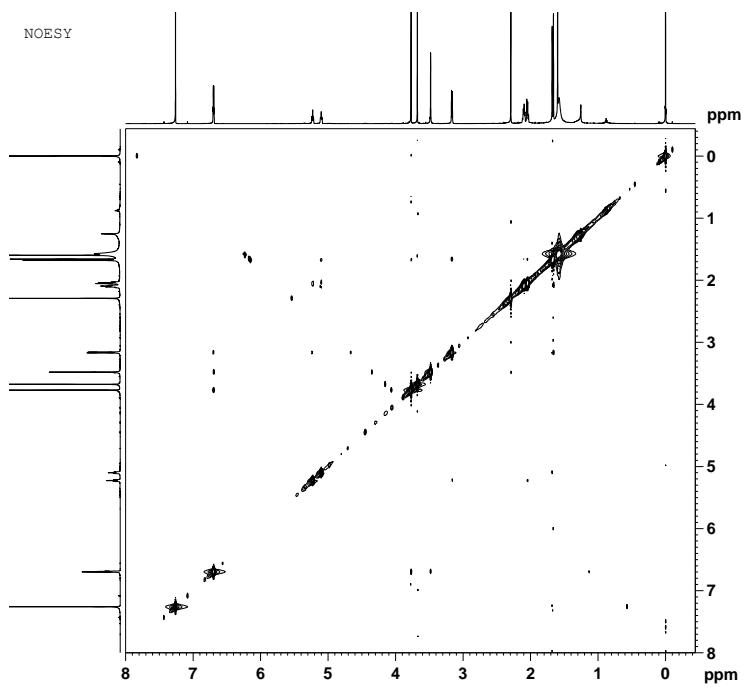


Figure S26: NOESY spectrum of **3**

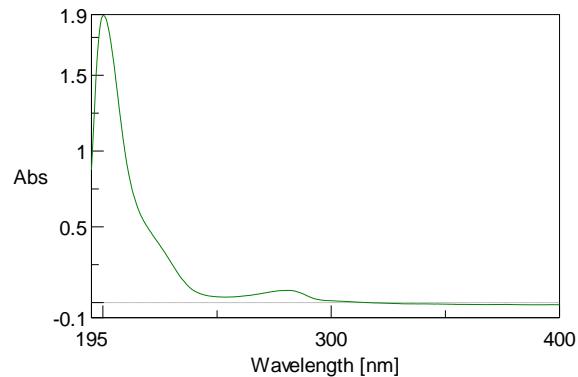


Figure S27: UV spectrum of **3**

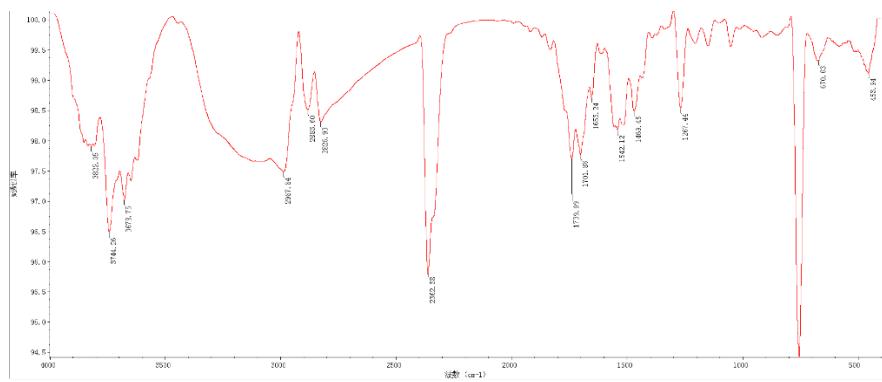


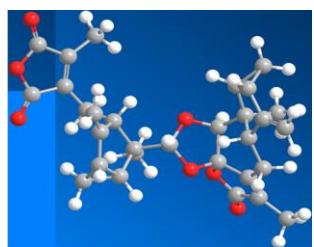
Figure S28: IR spectrum of **3**



1-1 (50.15%)



1-2 (37.97%)



1-1 (11.88%)

Figure S29: Optimized conformers (>1%) of **1**