

Supplementary Materials

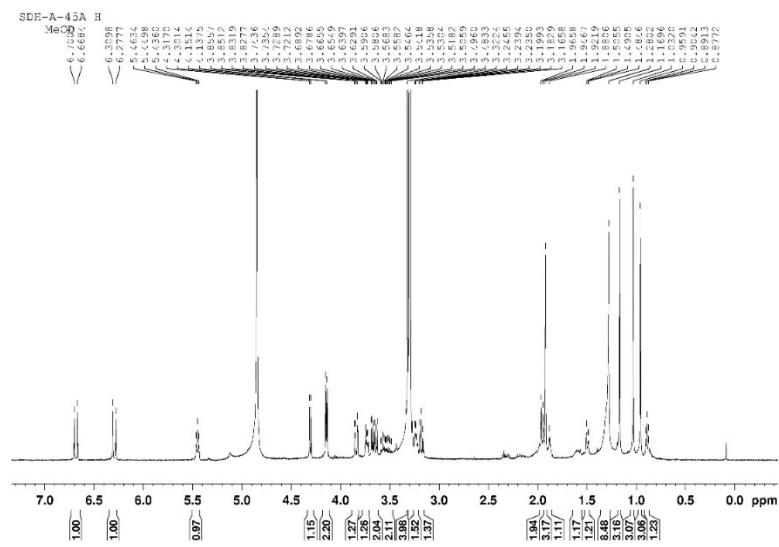


Figure S1. The ^1H -NMR spectrum of compound **1**.

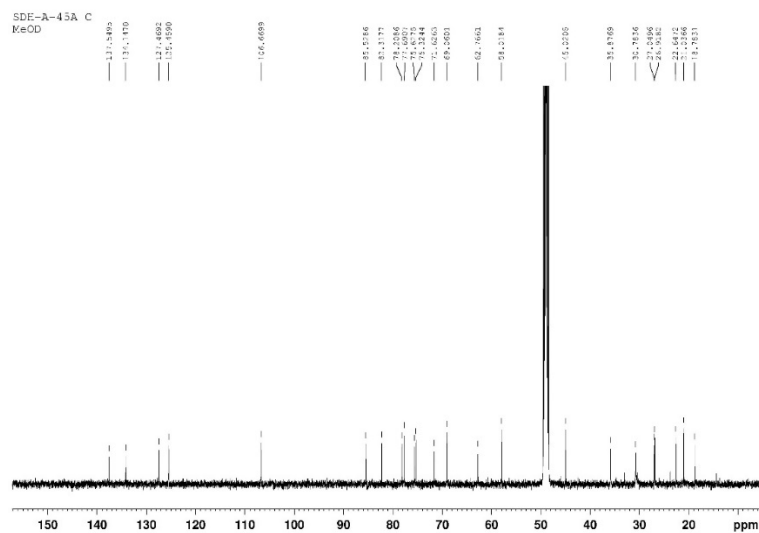


Figure S2. The ^{13}C -NMR spectrum of compound **1**.

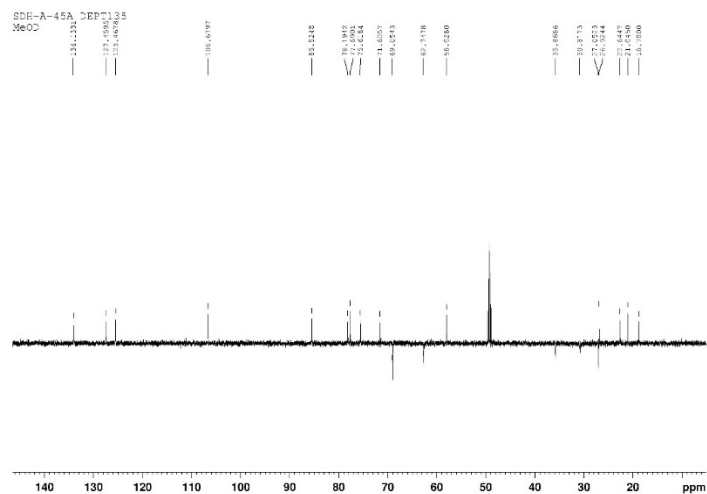


Figure S3. The DEPT135 spectrum of compound **1**.

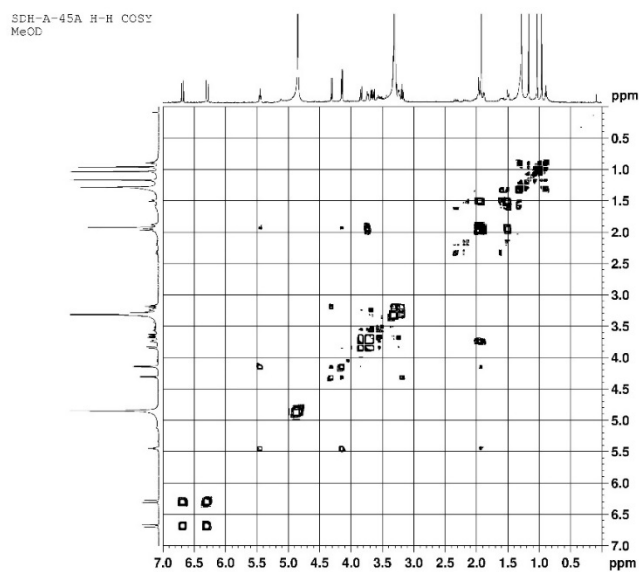


Figure S4. The ^1H - ^1H COSY spectrum of compound **1**.

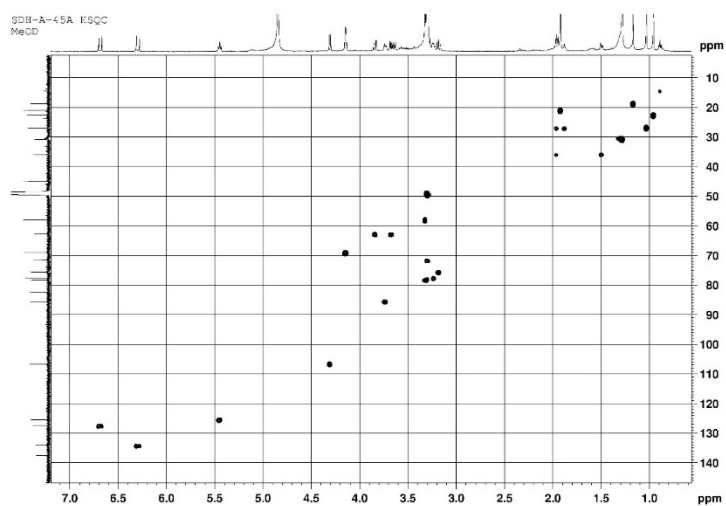


Figure S5. The HSQC spectrum of compound **1**.

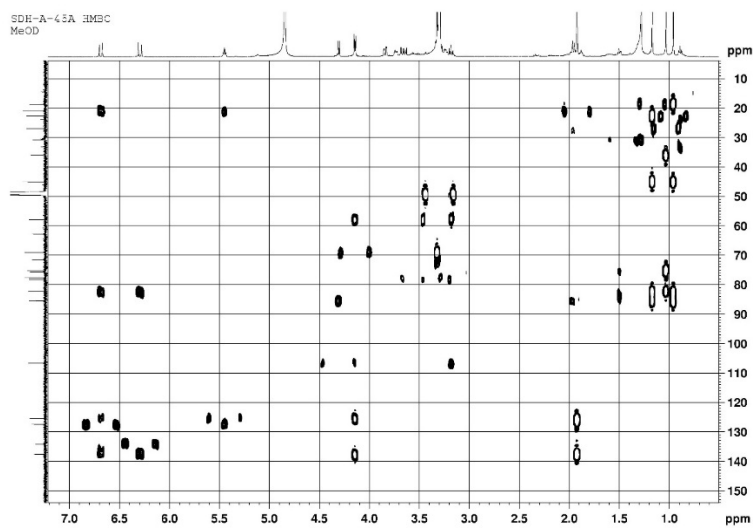


Figure S6. The HMBC spectrum of compound **1**.

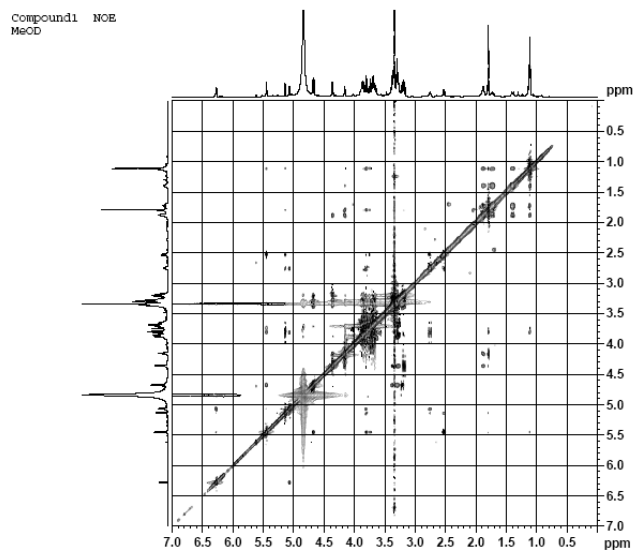


Figure S7. The NOESY spectrum of compound **1**.

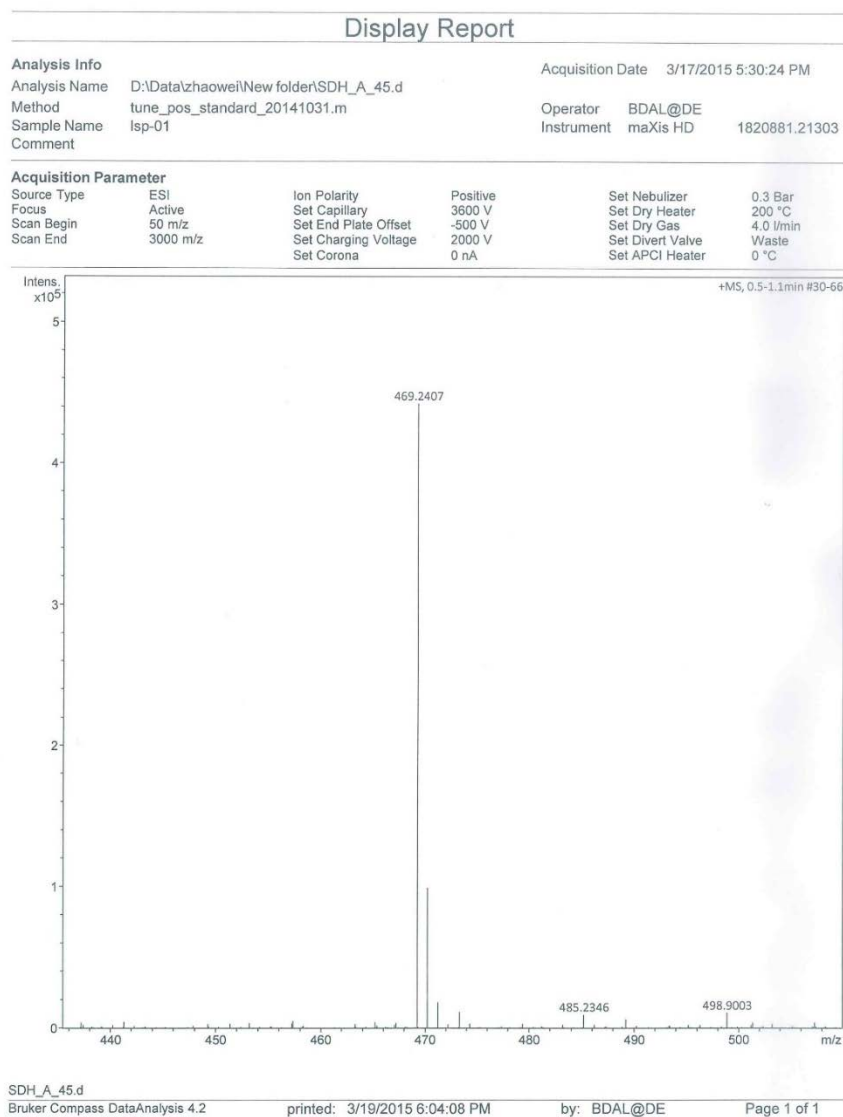


Figure S8. The HR-TOF-MS spectrum of compound **1**.

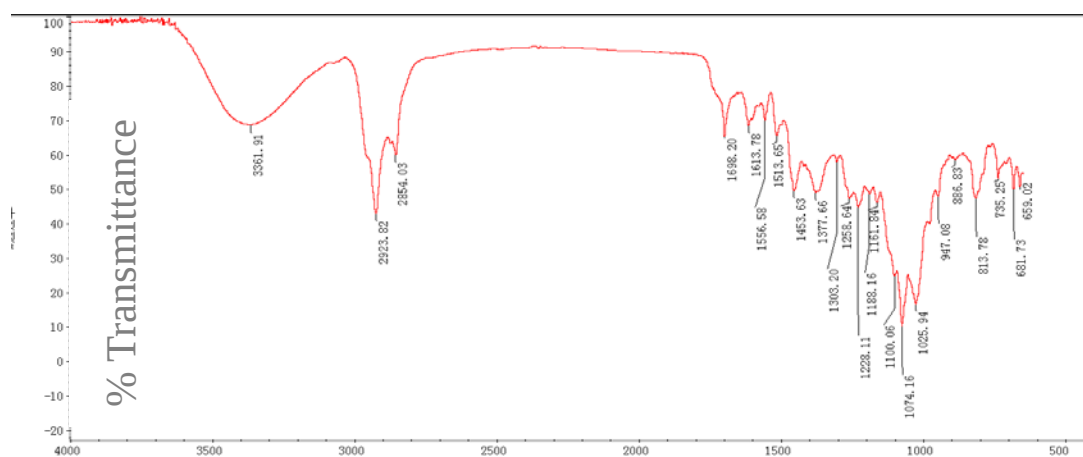


Figure S9. The IR spectrum of compound **1**.

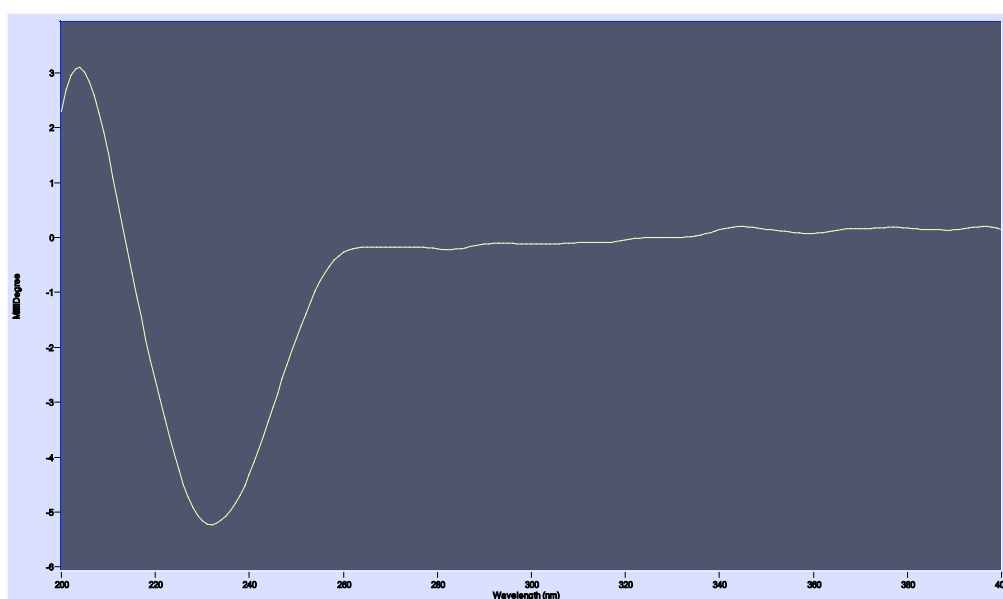


Figure S10. The CD spectrum of compound **1**.

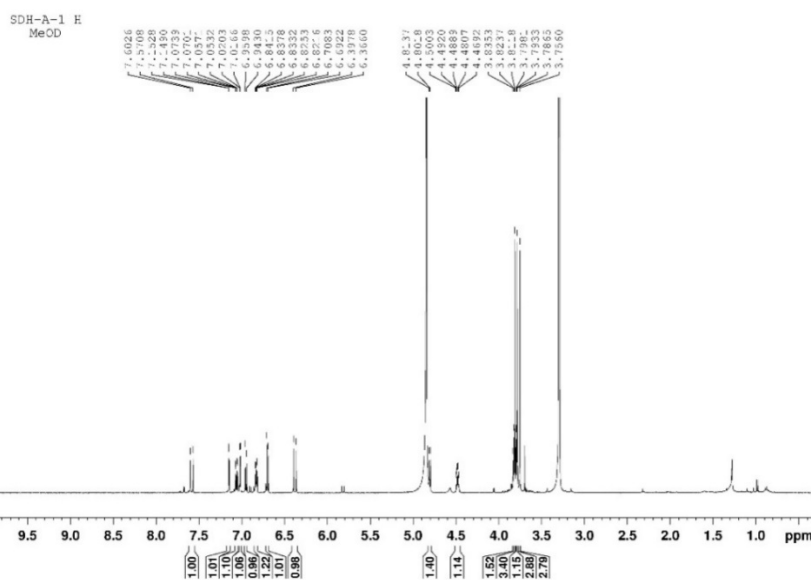


Figure S11. The ^1H -NMR spectrum of compound **2**.

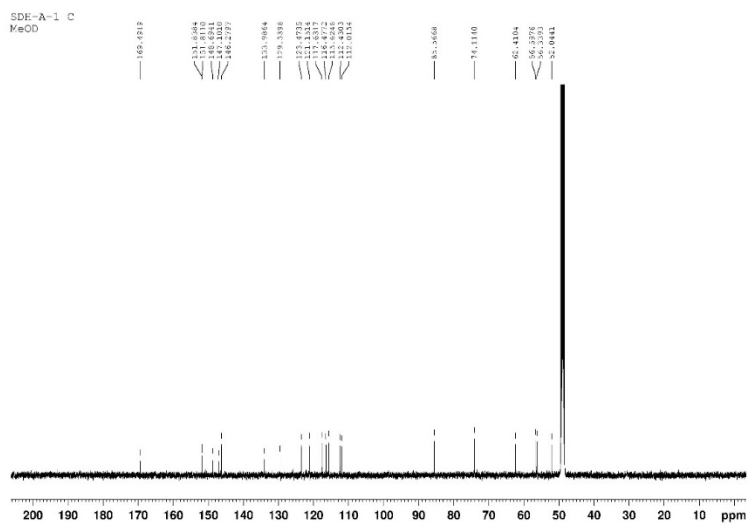


Figure S12. The ^{13}C -NMR spectrum of compound 2.

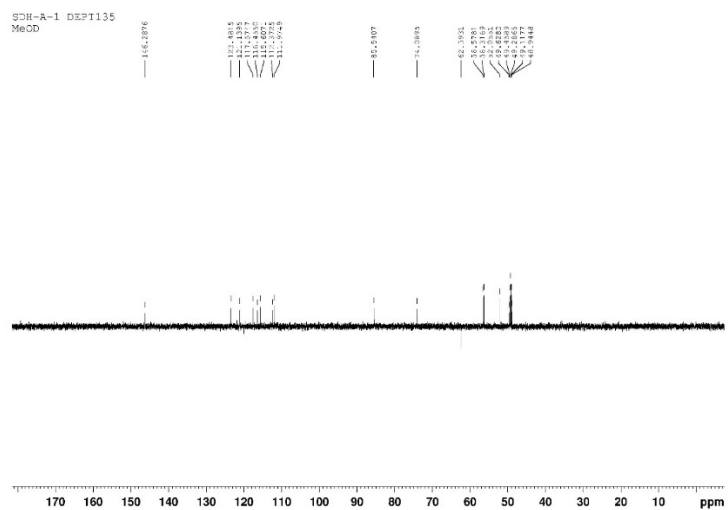


Figure S13. The DEPT135 spectrum of compound 2.

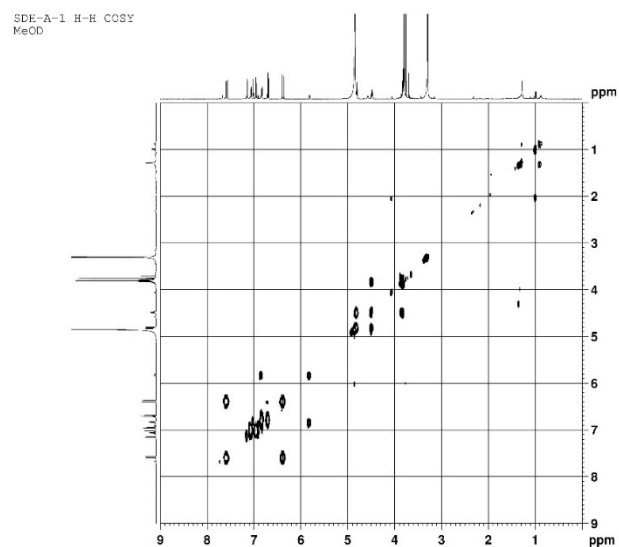


Figure S14. The ^1H - ^1H COSY spectrum of compound 2.

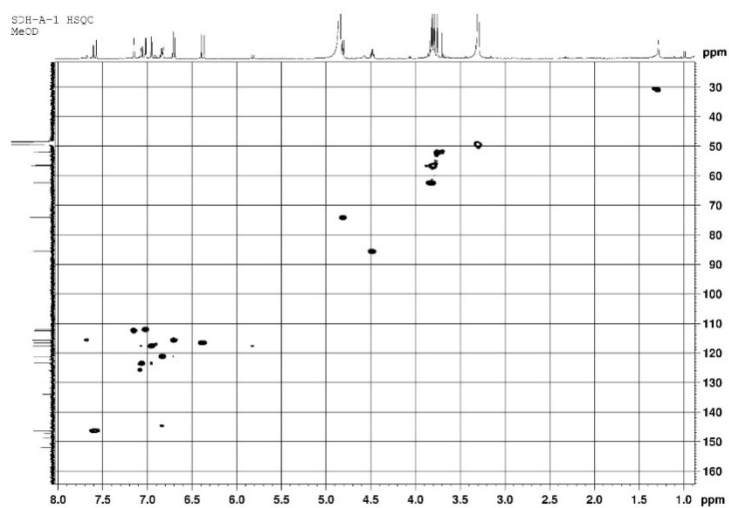


Figure S15. The HSQC spectrum of compound **2**.

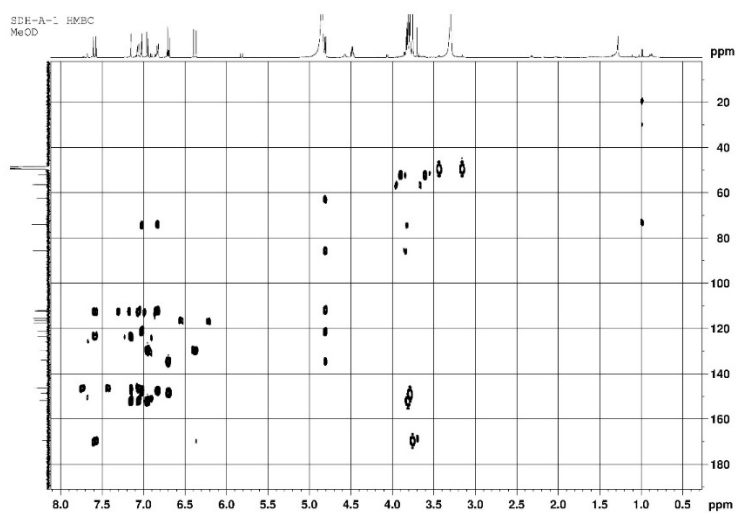


Figure S16. The HMBC spectrum of compound **2**.

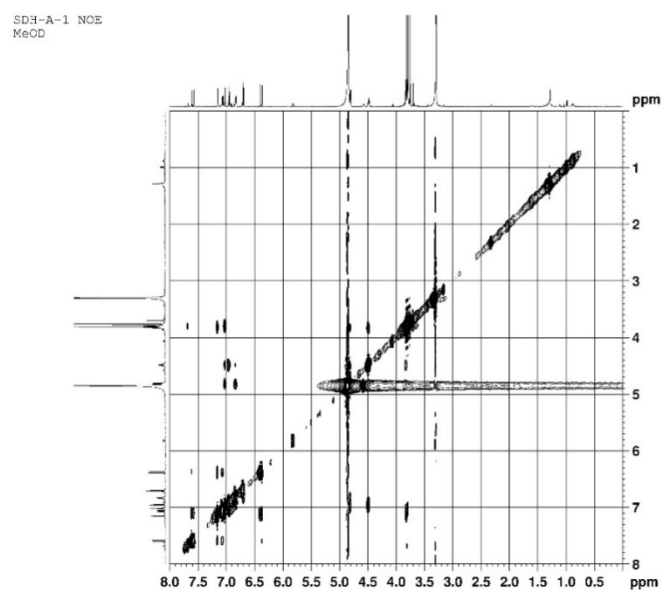


Figure S17. The NOESY spectrum of compound **2**.

Display Report

Analysis Info

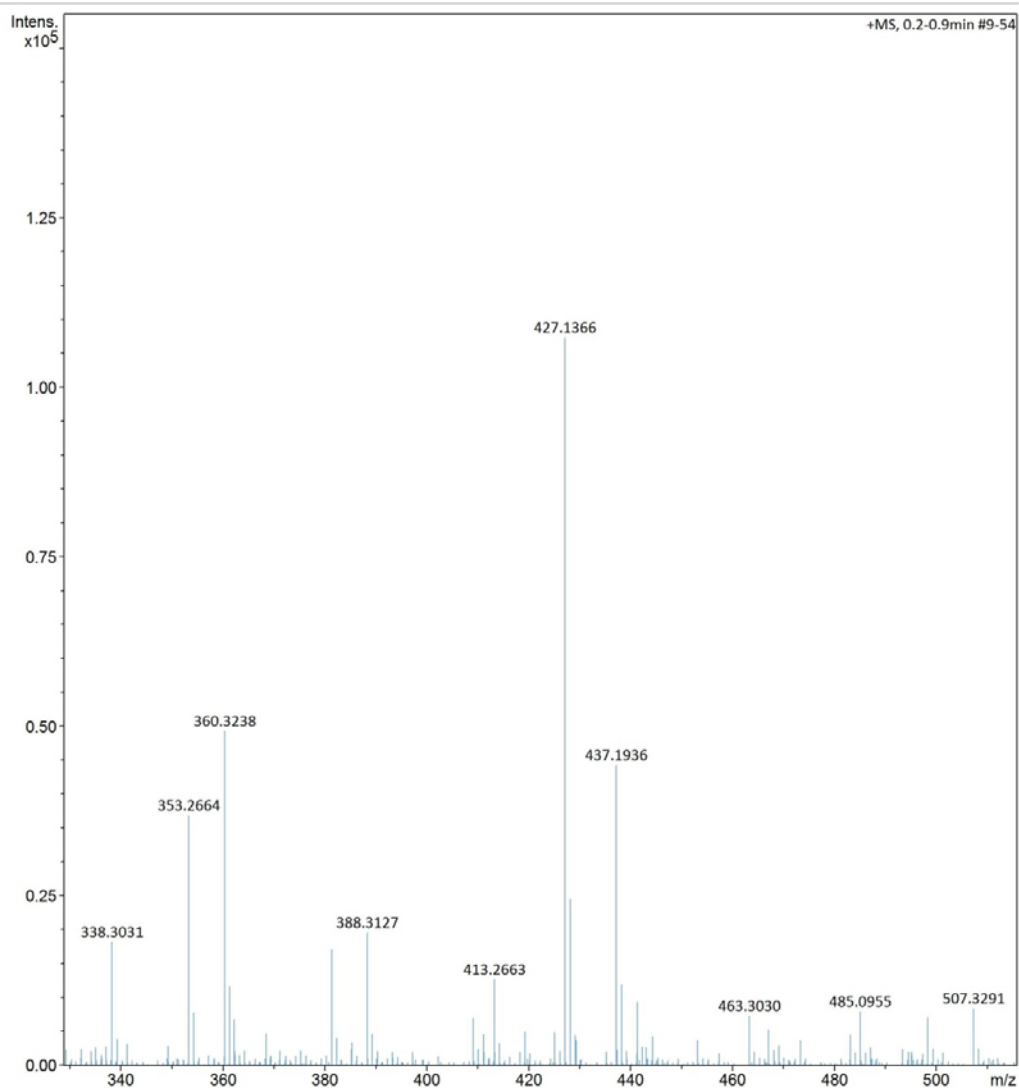
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Method tune_pos_standard_20141031.m
Sample Name SDH-A-1
Comment

Acquisition Date 2015/3/20 18:04:07

Operator BDAL@DE
Instrument maXis HD 1820881.21303

Acquisition Parameter

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Scan End	3000 m/z	Set Charging Voltage	2000 V	Set Divert Valve	Waste
		Set Corona	0 nA	Set APCI Heater	0 $^{\circ}$ C



SDH-A-1.d

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Page 1 of 1

Figure S18. The HRESIMS spectrum of compound **2**.

¹H NMR spectrum (DMSO-d₆) of compound 9. The x-axis represents the chemical shift in ppm, ranging from 9.0 to 2.5. The spectrum shows several peaks, with the following chemical shifts (ppm) labeled above the baseline: 8.7649, 7.5860, 7.5392, 7.5254, 7.5224, 7.4890, 7.4780, 7.4180, 7.3700, 7.3555, 7.3535, 6.9538, 6.9322, 6.7252, 6.7232, 6.7188, 6.7168, 6.7148, 6.7128, 6.7108, 6.6984, 6.6964, 6.6237, 6.6217, 6.5572, 5.3937, 5.3908, 4.7922, 4.7892, 4.6897, 4.6867, 4.6666, 4.6522, 4.6502, 4.3830, 4.3792, 4.3772, 3.8950, 3.7638, 3.7618, 3.6982, 3.6557, 3.5815, 3.5795, 2.5419. Integration values are shown below the baseline: 0.95, 0.77, 0.79, 1.06, 0.90, 1.15, 1.14, 0.92, 0.97, 1.00, 1.10, 1.07, 1.11, 2.40, 1.05, 5.97, 0.95, 1.37.

Figure S21. The ^1H -NMR spectrum of compound **3**.

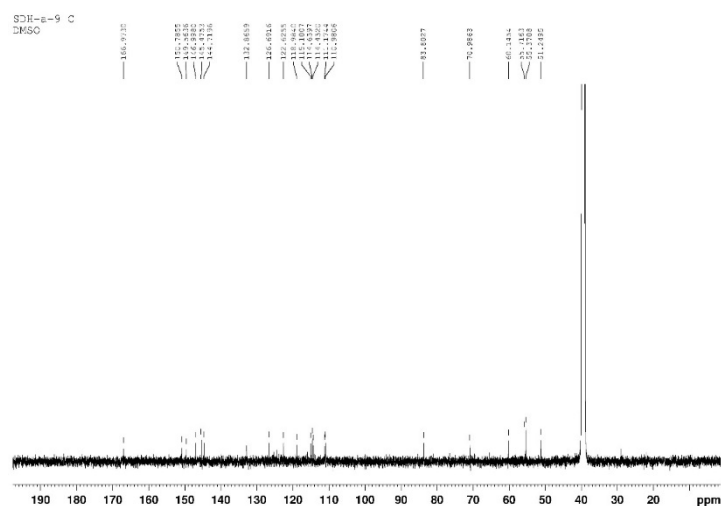


Figure S22. The ^{13}C -NMR spectrum of compound 3.

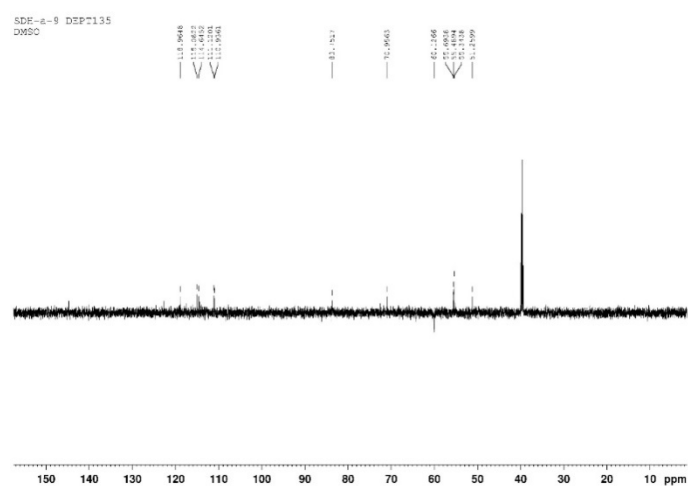


Figure S23. The DEPT135 spectrum of compound 3.

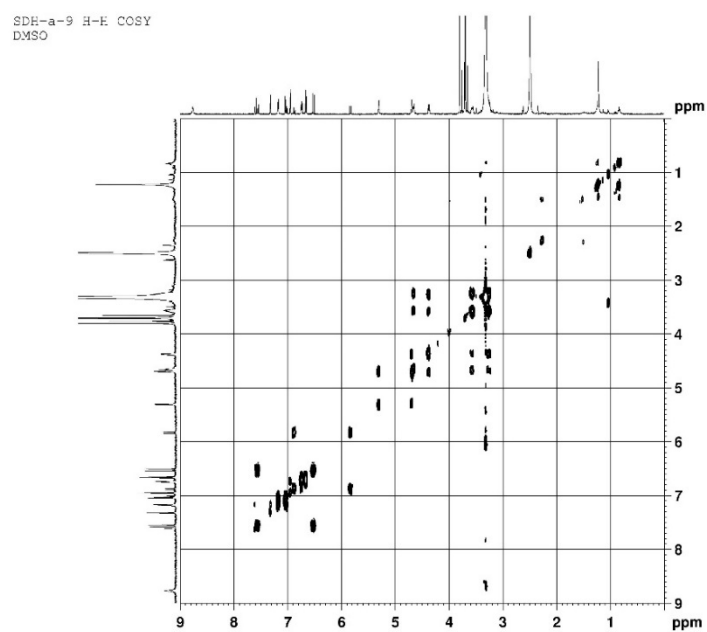


Figure S24. The ^1H - ^1H COSY spectrum of compound 3.

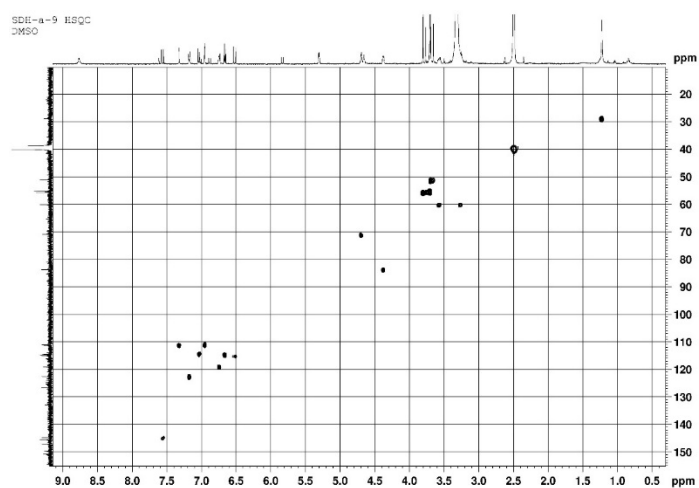


Figure S25. The HSQC spectrum of compound **3**.

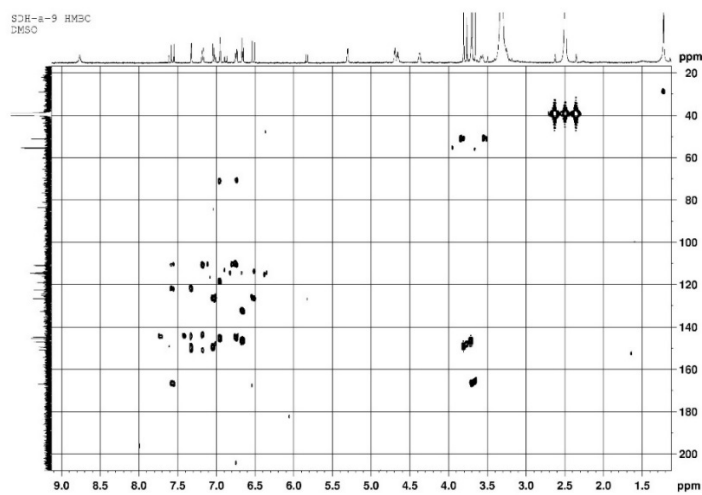


Figure S26. The HMBC spectrum of compound **3**.

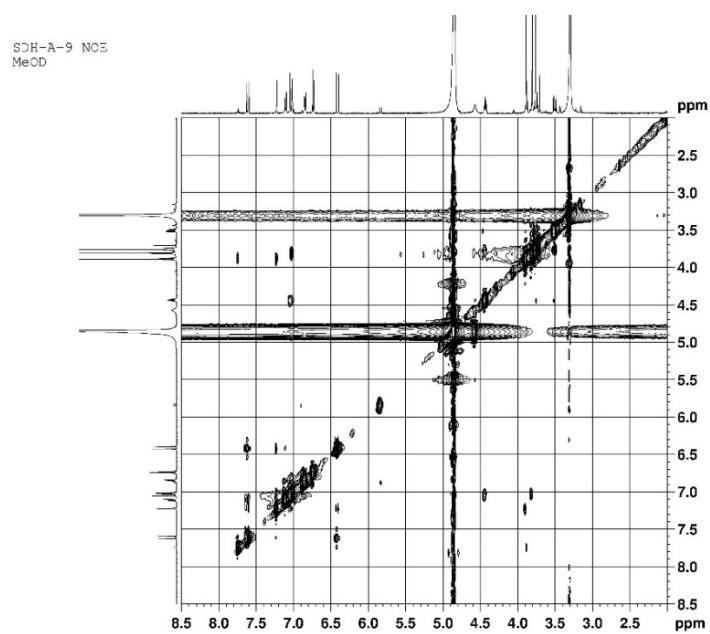


Figure S27. The NOESY spectrum of compound **3**.

Display Report

Analysis Info

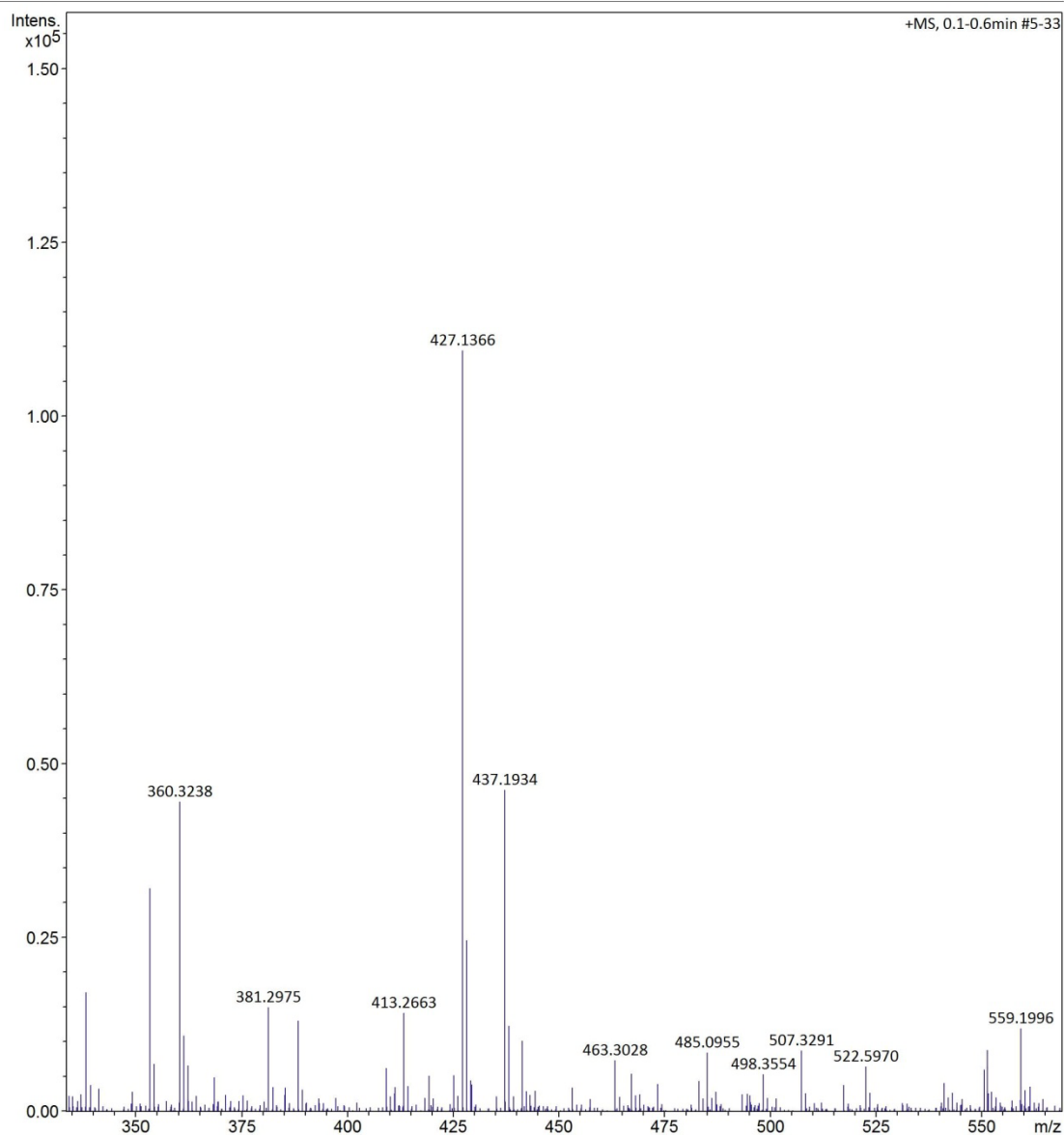
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Sample Name SDH-A-9a
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Acquisition Date 2015/3/20 18:03:05

Operator BDAL@DE
Instrument maXis HD 1820881.21303

Acquisition Parameter

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Scan End	3000 m/z	Set Charging Voltage	2000 V	Set Divert Valve	Waste
		Set Corona	0 nA	Set APCI Heater	0 j°C



SDH-A-9a.d

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Page 1 of 1

Figure S28. The HRESIMS spectrum of compound **3**.

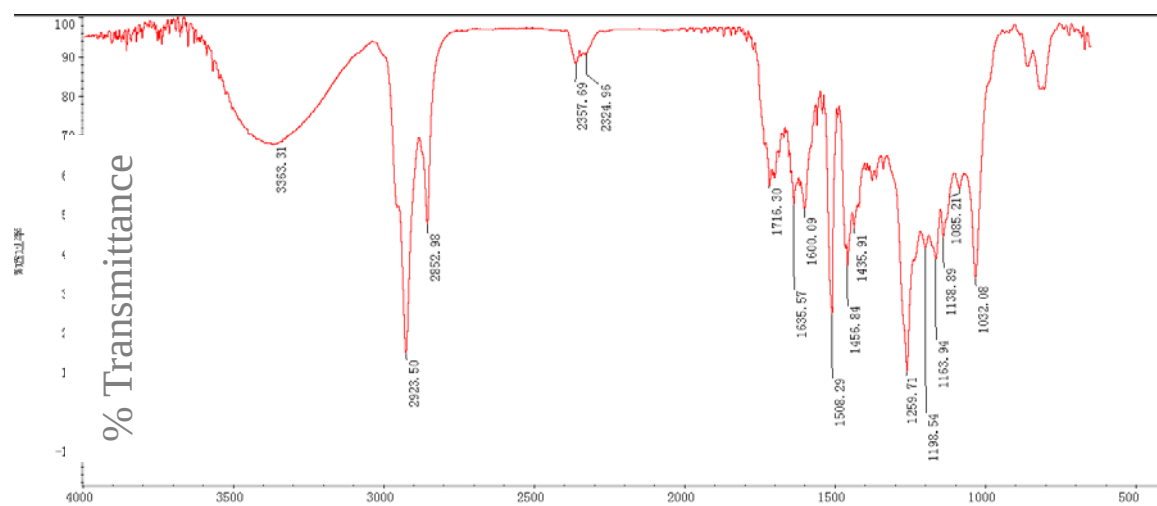


Figure S29. The IR spectrum of compound **3**.

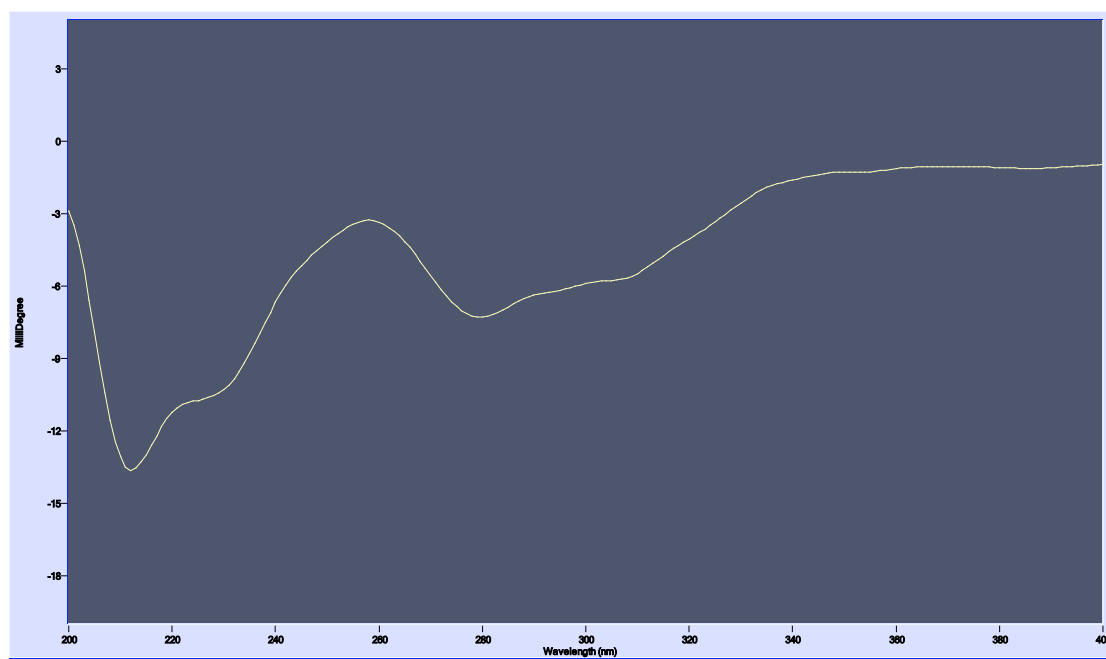


Figure S30. The CD spectrum of compound **3**.