

Supporting information

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Two New Furanones Isolated from *Coptis deltoidei* Rhizome

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YL-18APCI#841 RT: 3.02 AV: 1 NL: 1.33E6
T: FTMS + p APCI corona Full ms [150.0000-4]

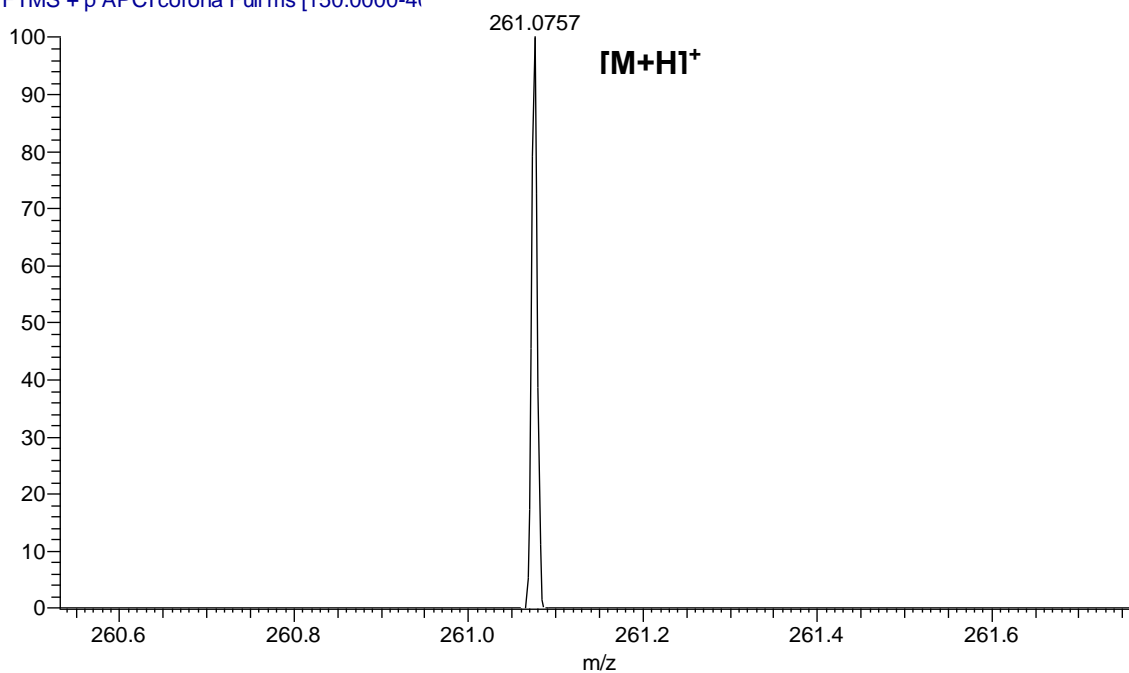


Figure S1: HRESIMS-APCI spectrum of **1**

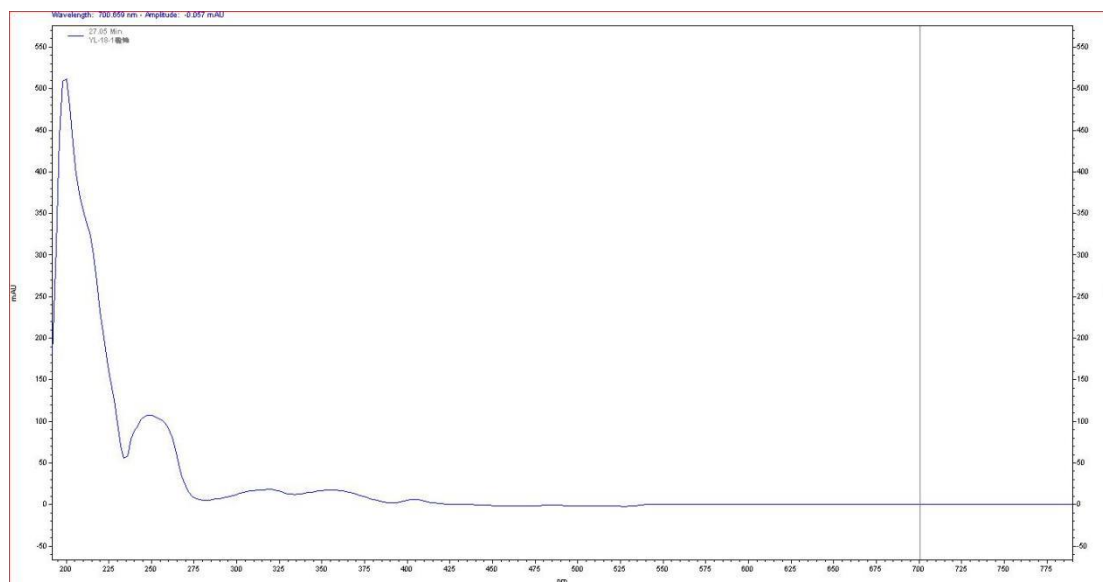


Figure S2: UV spectrum of **1**

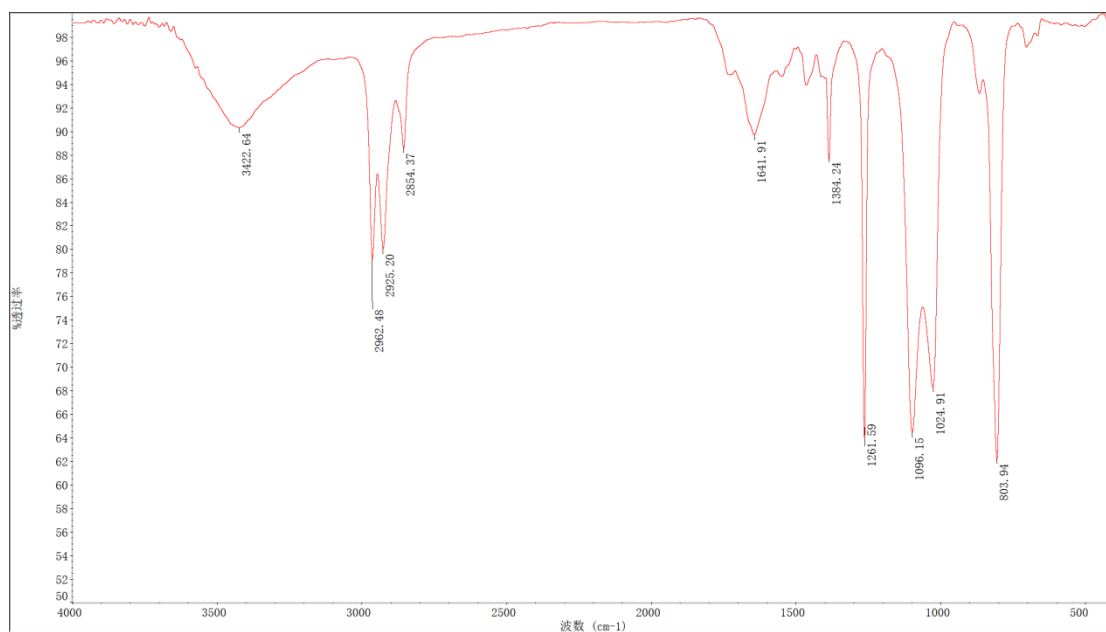


Figure S3: IR spectrum of 1

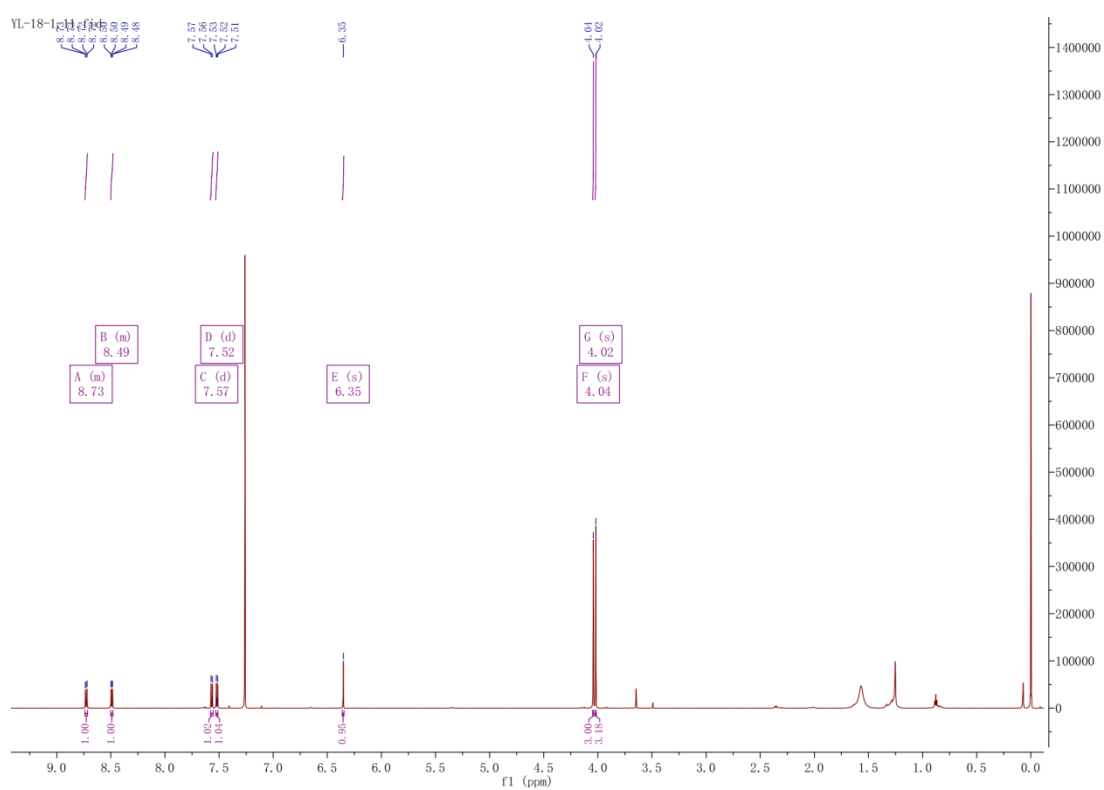


Figure S4: ¹H NMR spectrum of 1 in Chloroform-*d* (700MHz)

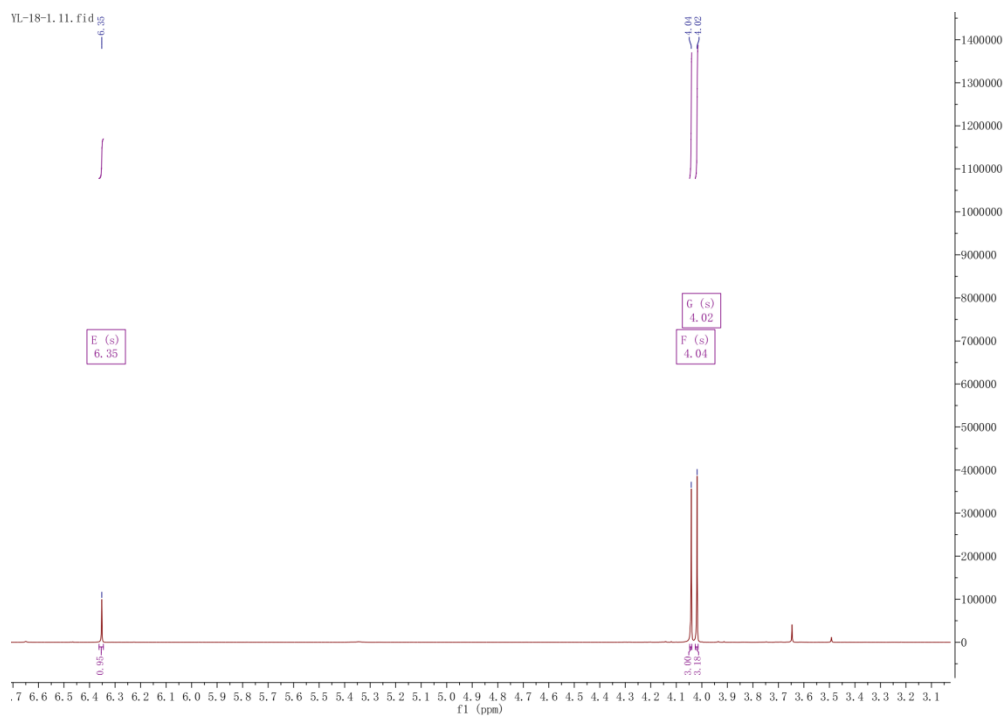


Figure S5: ^1H NMR spectrum of **1** in Chloroform- d (700MHz) (From δ_{H} 3.1 ppm to δ_{H} 7.6 ppm)

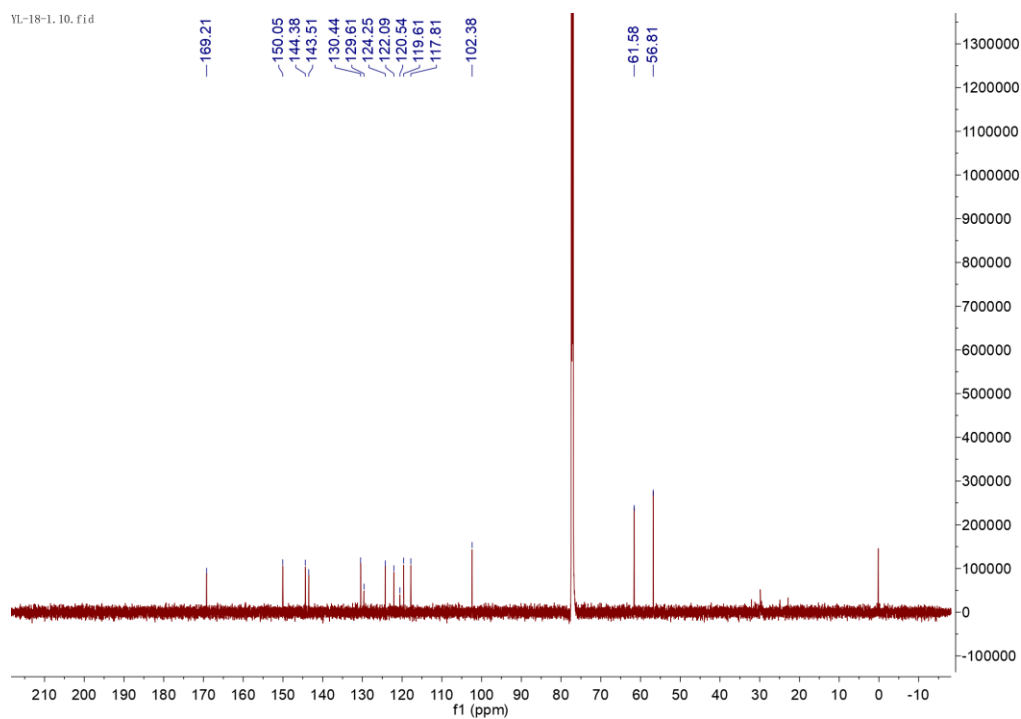


Figure S6: ^{13}C NMR spectrum of **1** in Chloroform- d (175MHz)

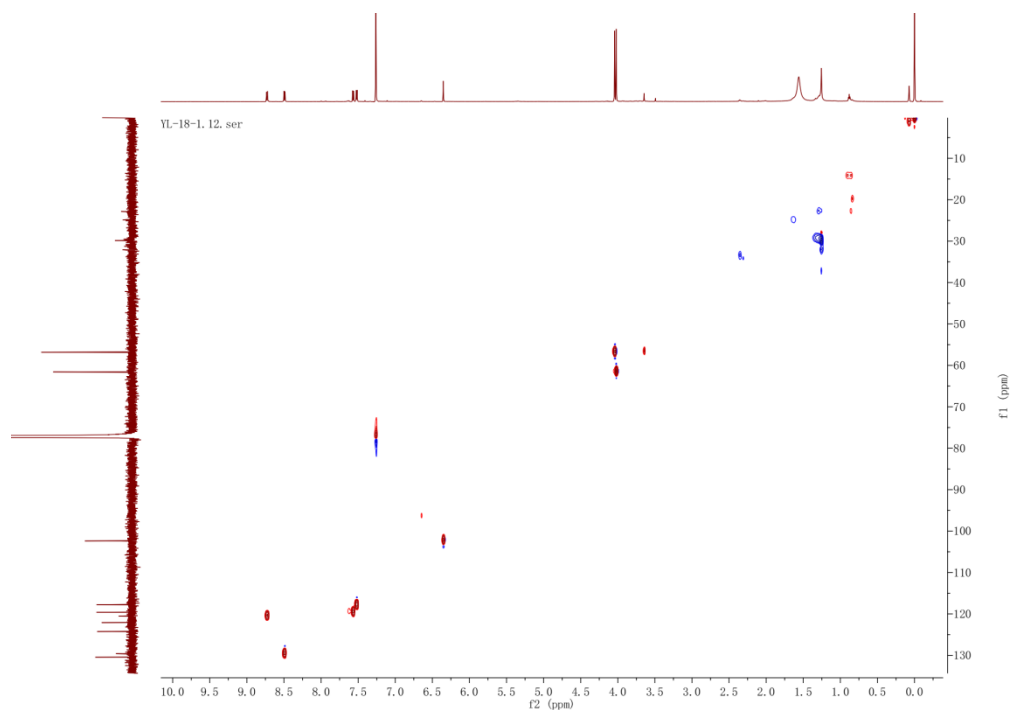


Figure S7: HSQC spectrum of **1** in Chloroform-*d*

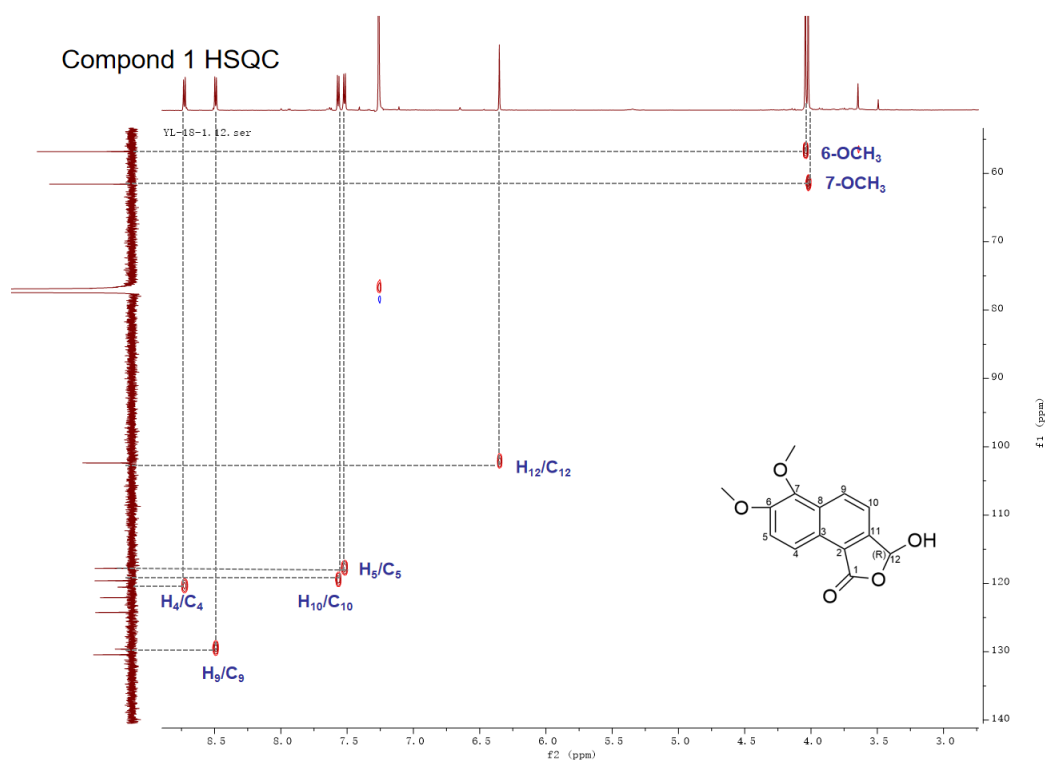


Figure S8: HSQC spectrum of **1** in Chloroform-*d* (From δ_c 60 ppm to δ_c 140 ppm)

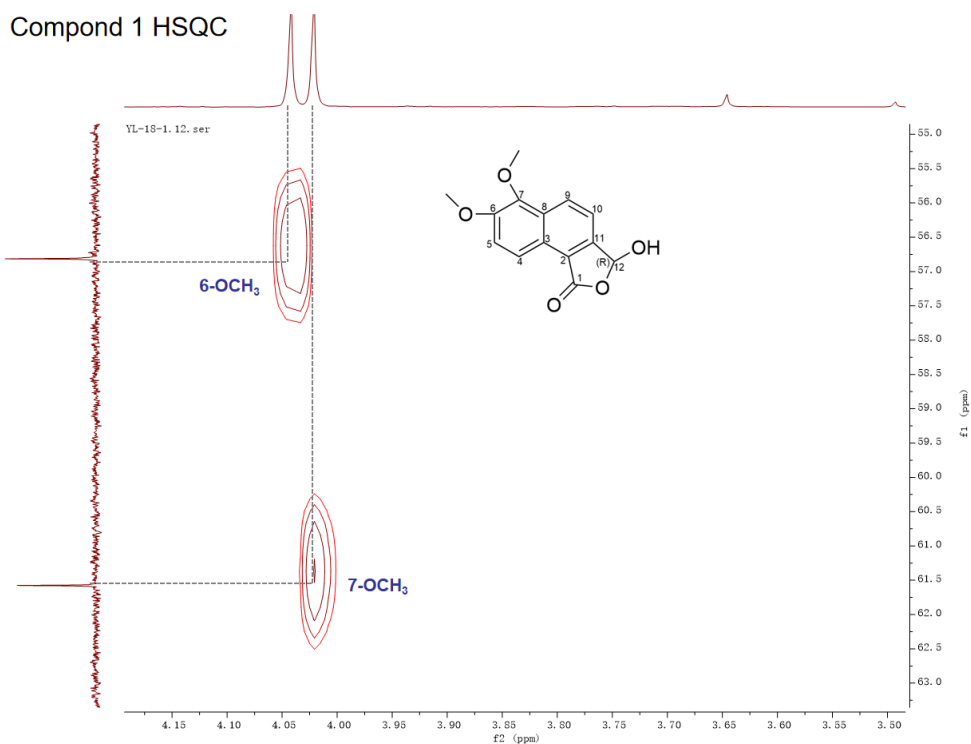


Figure S9: HSQC spectrum of **1** in Chloroform-*d* (From δ_C 55ppm to 63 ppm)

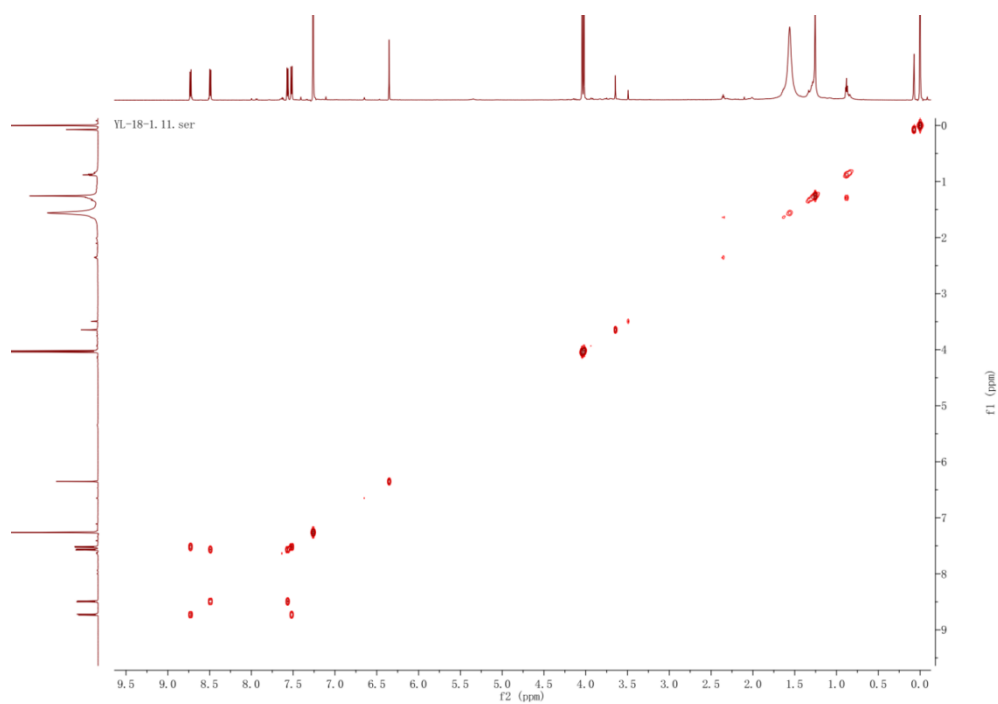


Figure S10: ¹H-¹H COSY spectrum of **1** in Chloroform-*d*

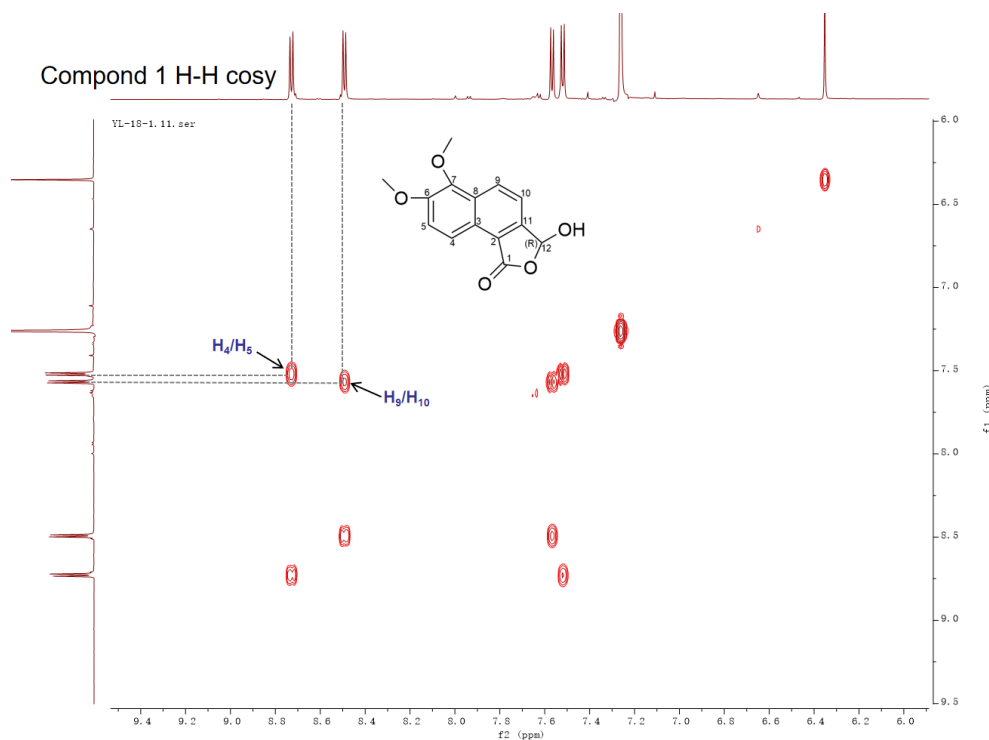


Figure S11: ^1H - ^1H COSY spectrum of **1** in Chloroform-*d* (From δ_{H} 6 ppm to δ_{H} 9.4 ppm)

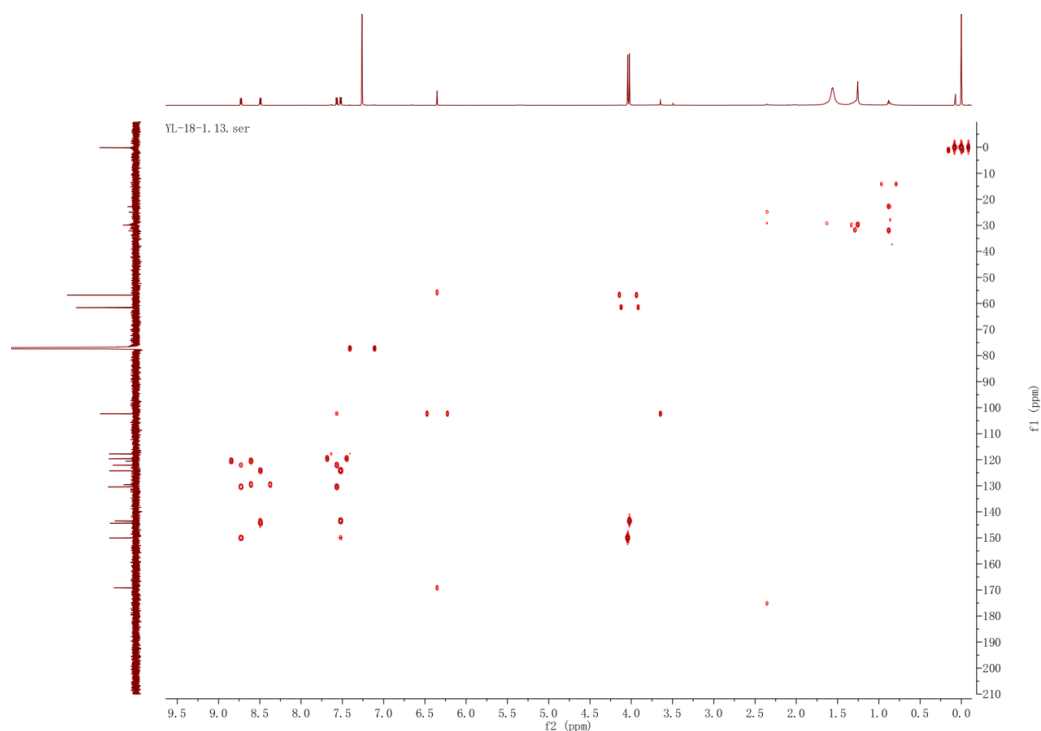


Figure S12: HMBC spectrum of **1** in Chloroform-*d*

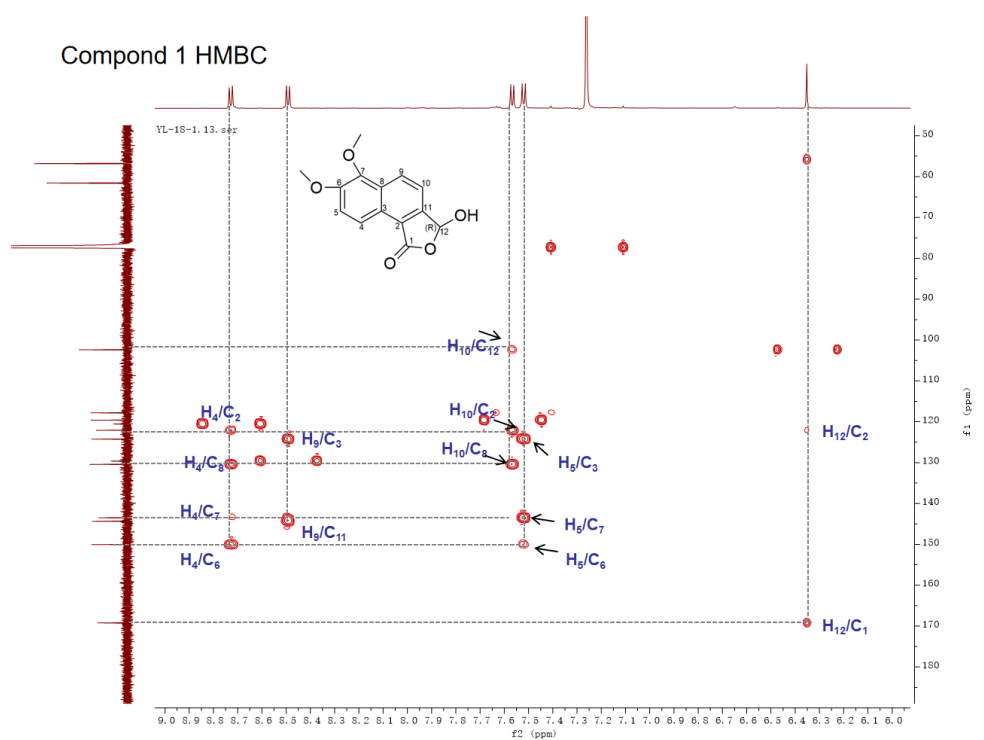


Figure S13: HMBC spectrum of **1** in Chloroform-*d* (From δ_C 50 ppm to δ_C 180 ppm)

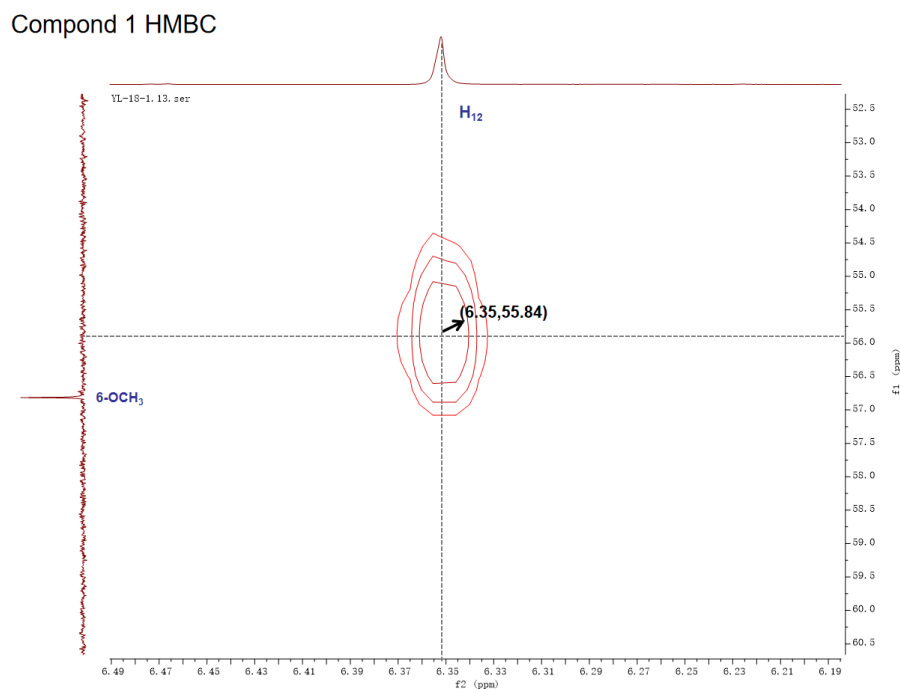


Figure S14: HMBC spectrum of **1** in Chloroform-*d* (From δ_C 52.5 ppm to δ_C 60.5 ppm)

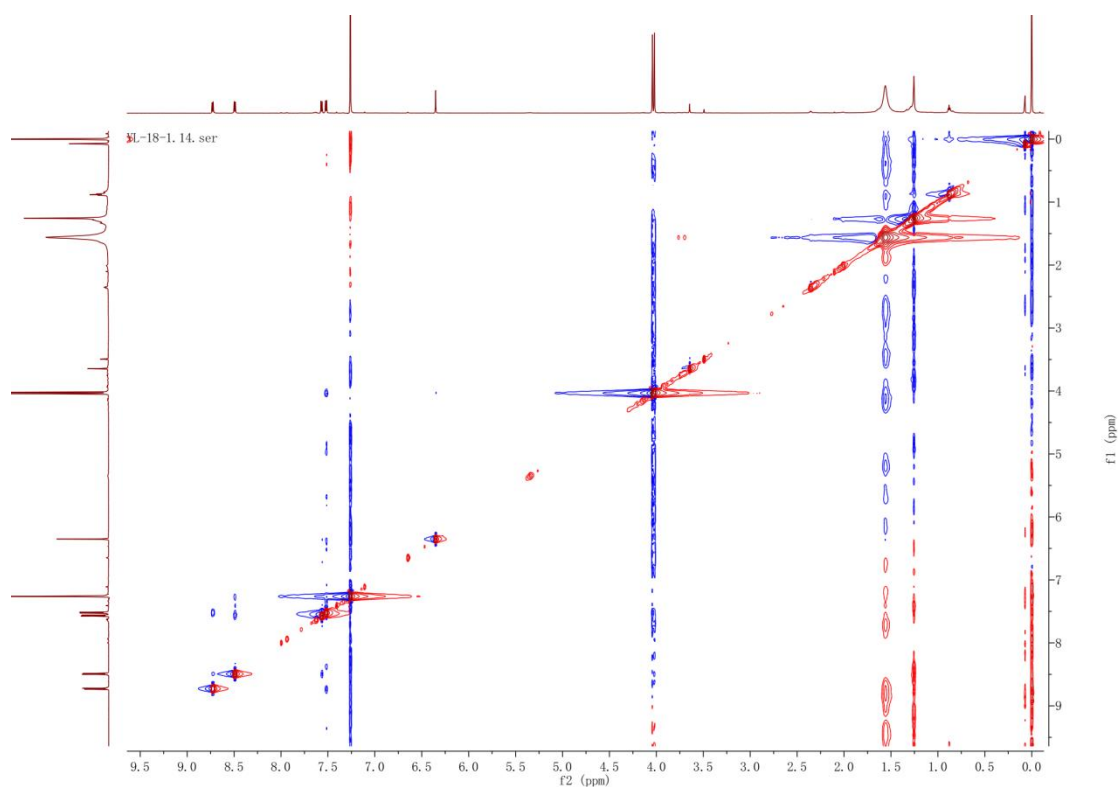


Figure S15: NOESY spectrum of compound **1** in Chloroform-*d*

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 T: FTMS + p APCI corona Full ms [150.0000-4]

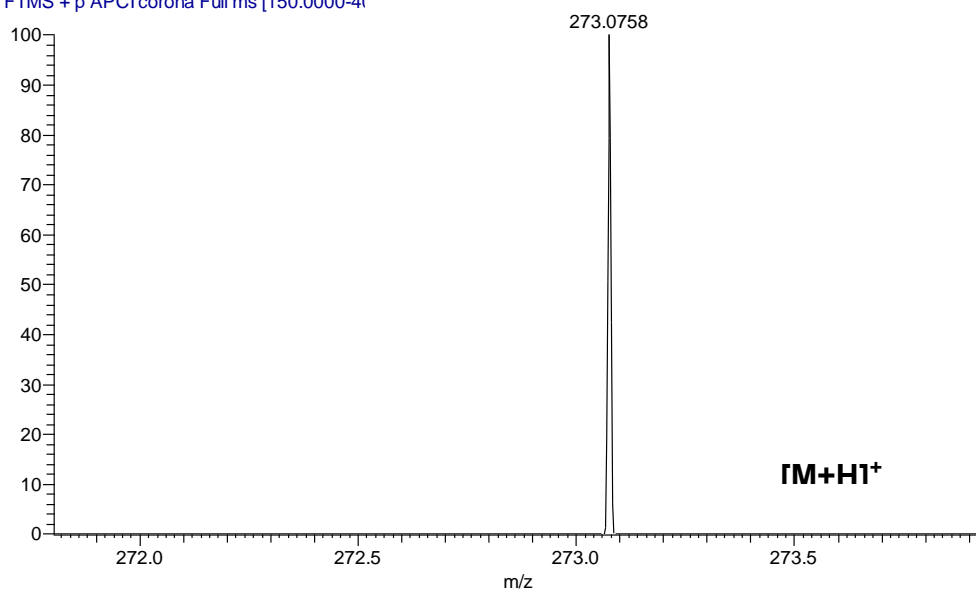


Figure S16: HRESIMS-APCI spectrum of **2**

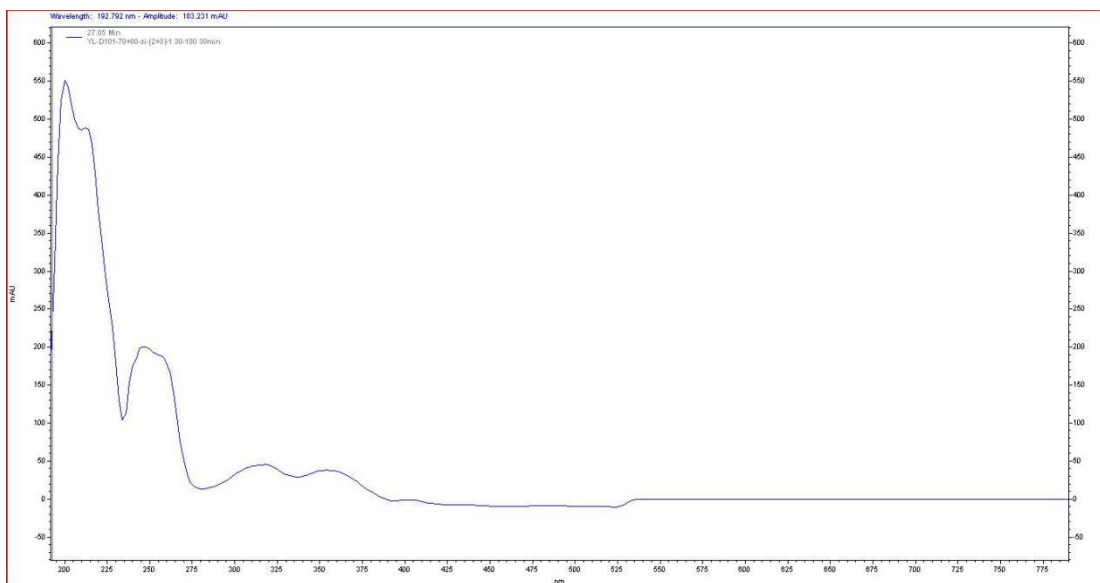


Figure S17: UV spectrum of 2

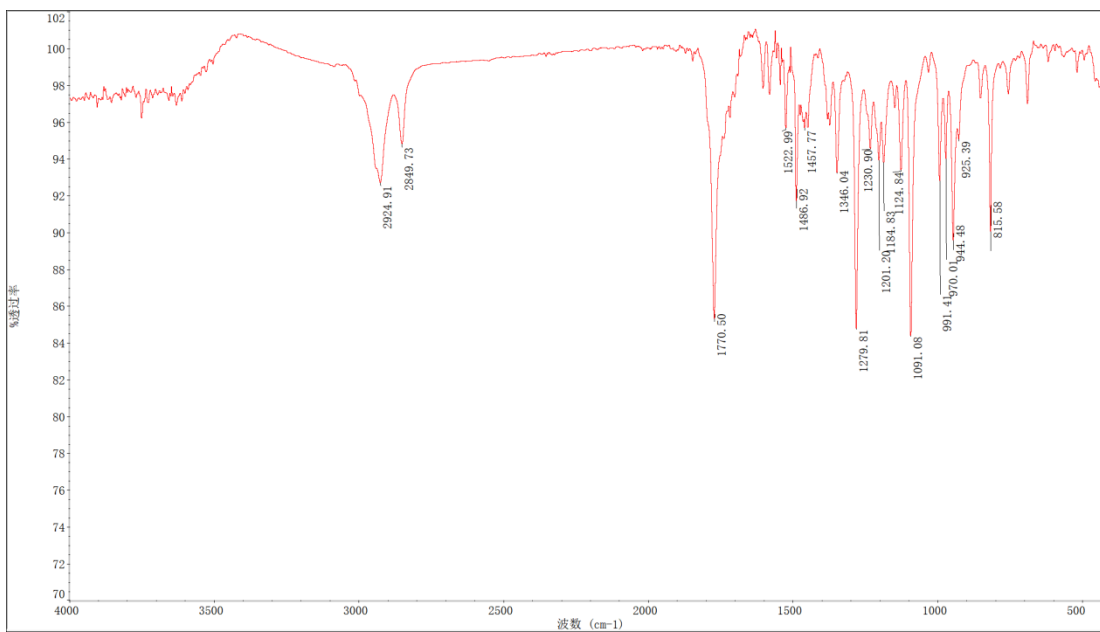


Figure S18: IR spectrum of 2

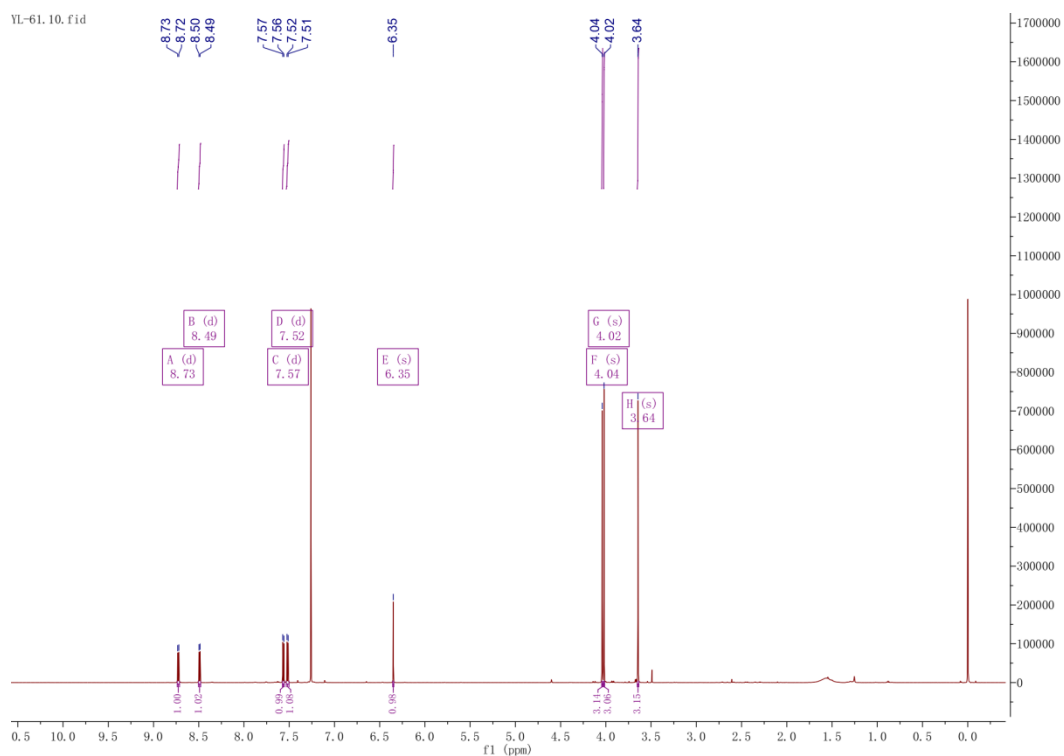


Figure S19: ¹H NMR spectrum of **2** in Chloroform-*d* (700MHz)

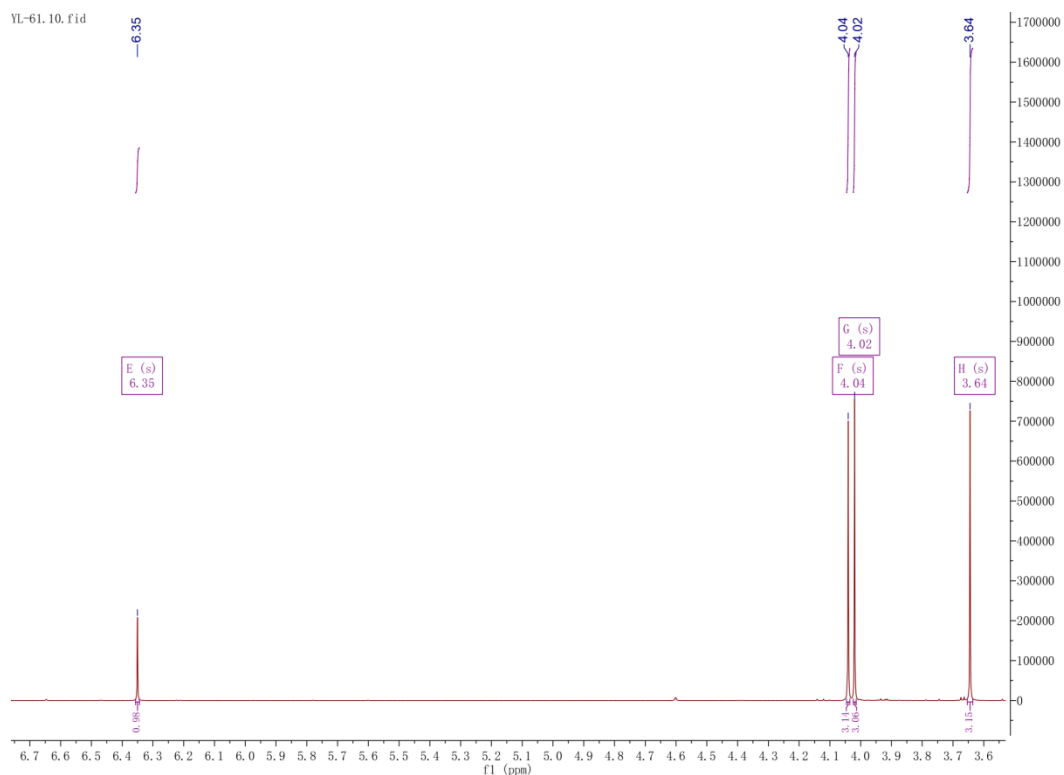


Figure S20: ¹H NMR spectrum of **2** in Chloroform-*d* (700MHz) (From δ_H 3.6 ppm to δ_H 6.7 ppm)

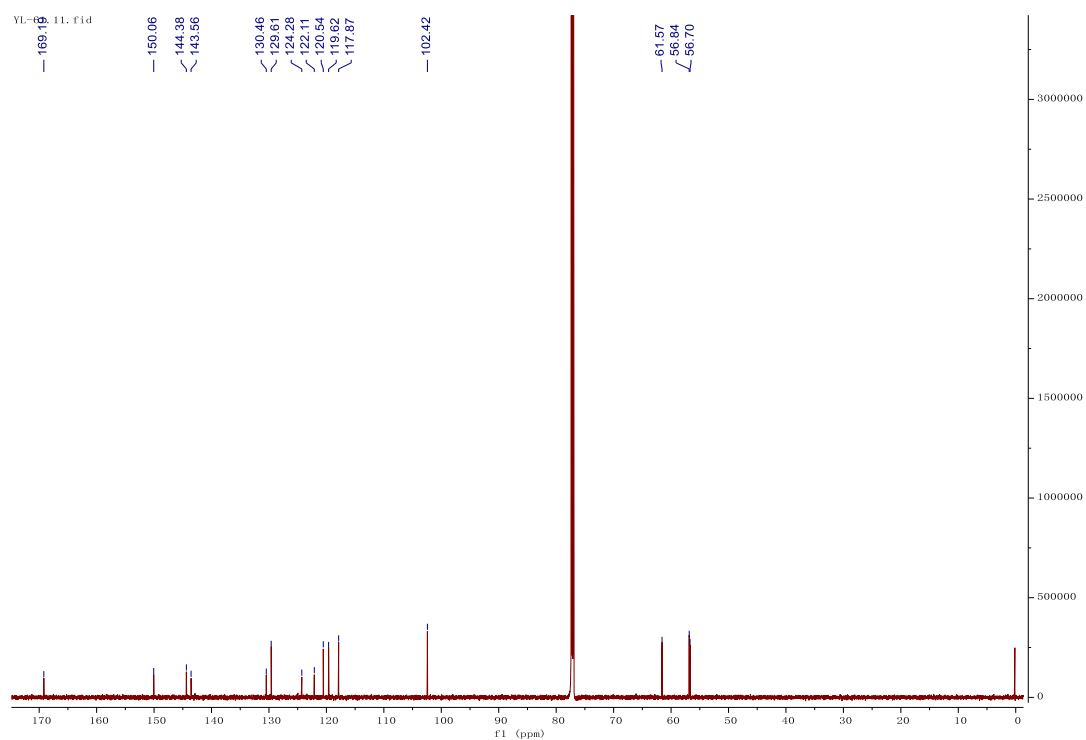


Figure S21: ^{13}C NMR spectrum of **2** in Chloroform-*d* (175MHz)

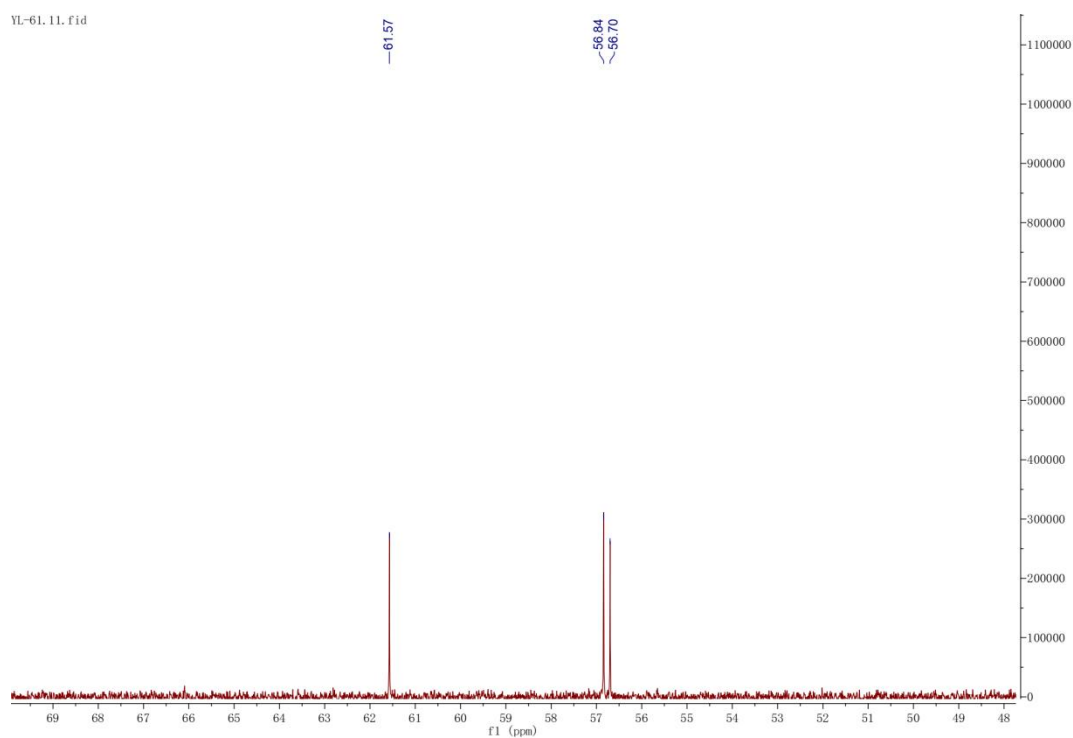


Figure S22: ^{13}C NMR spectrum of **2** in Chloroform-*d* (175MHz) (From δ_c 48 ppm to δ_c 69 ppm)

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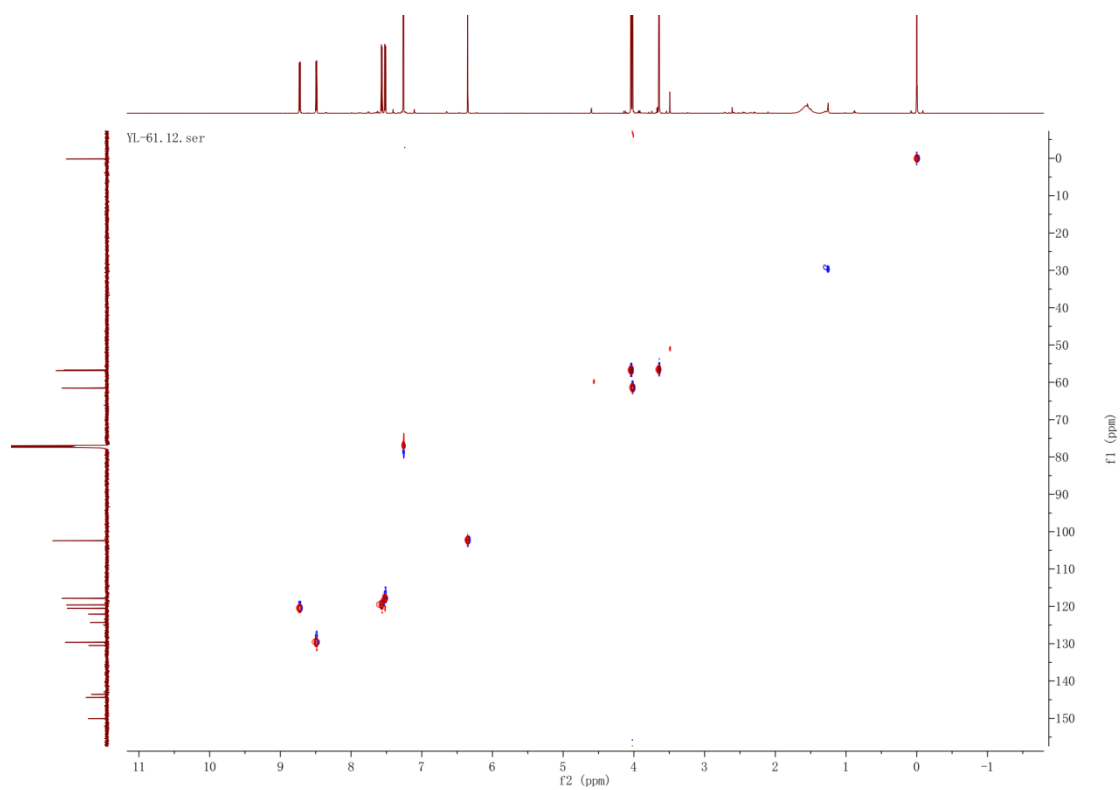


Figure S23: HSQC spectrum of **2** in Chloroform-*d*

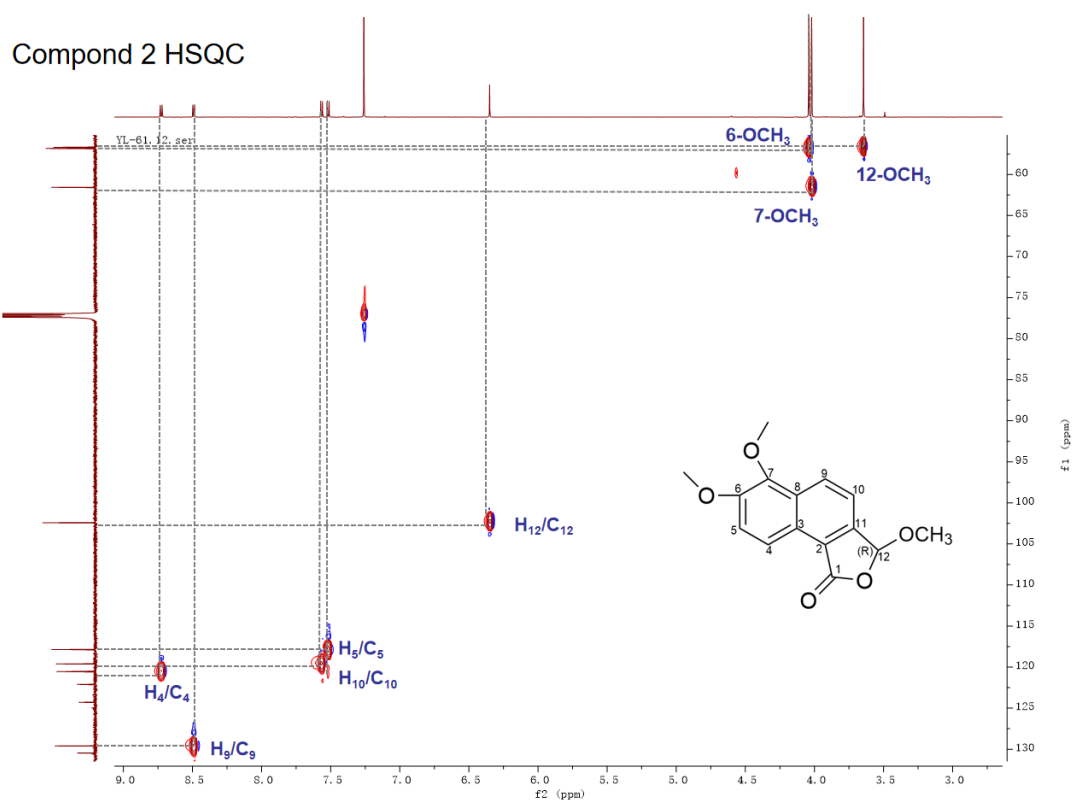


Figure S24: HSQC spectrum of **2** in Chloroform-*d* (From δ_c 60 ppm to δ_c 130 ppm)

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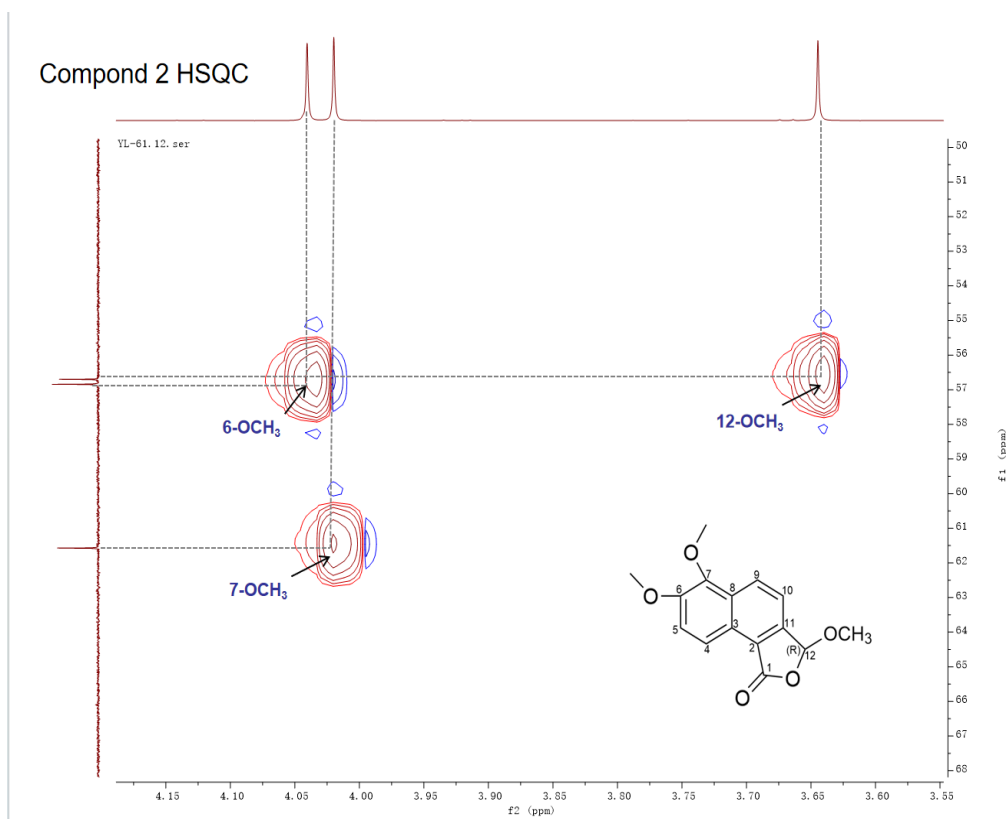


Figure S25: HSQC spectrum of **2** in Chloroform-*d* (From δ_C 50 ppm to δ_C 68 ppm)

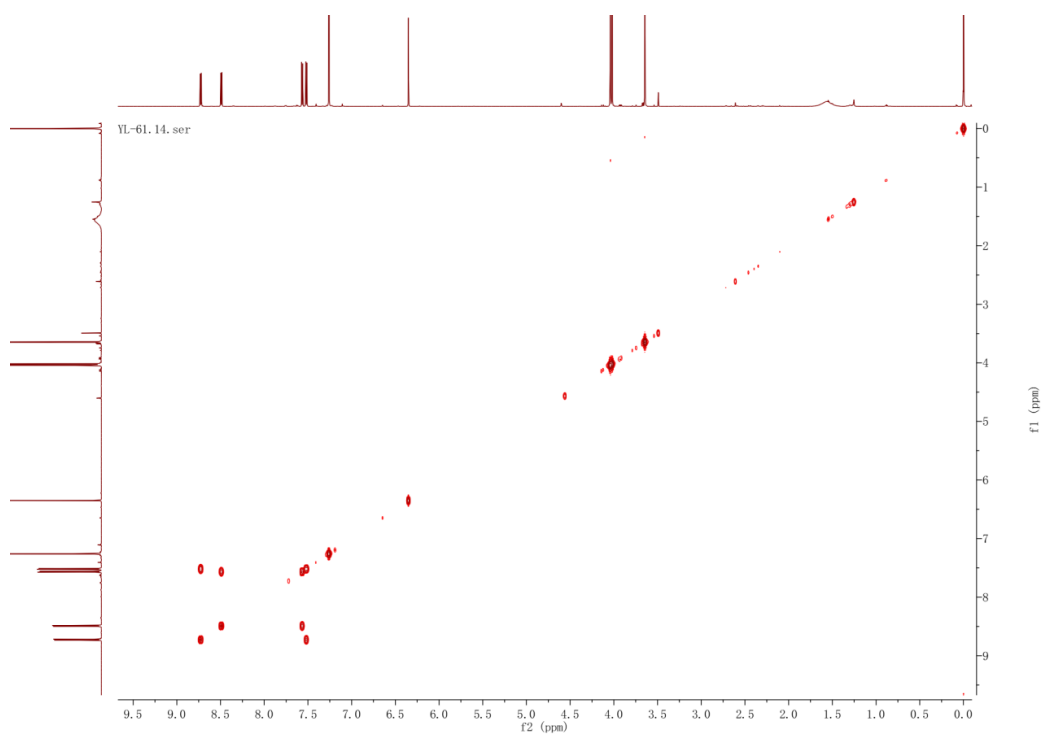


Figure S26: ¹H-¹H COSY spectrum of compound **2** in Chloroform-*d*

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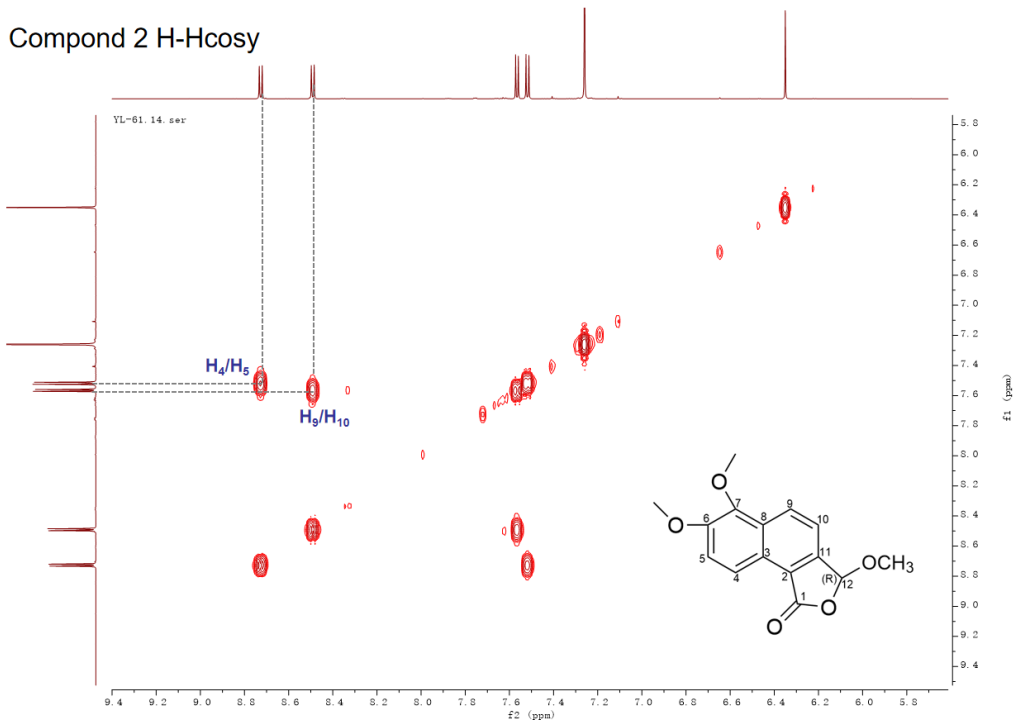


Figure S27: The ^1H - ^1H COSY spectrum of **2** in Chloroform-*d* (From δ_{H} 5.8 ppm to δ_{H} 9.4 ppm)

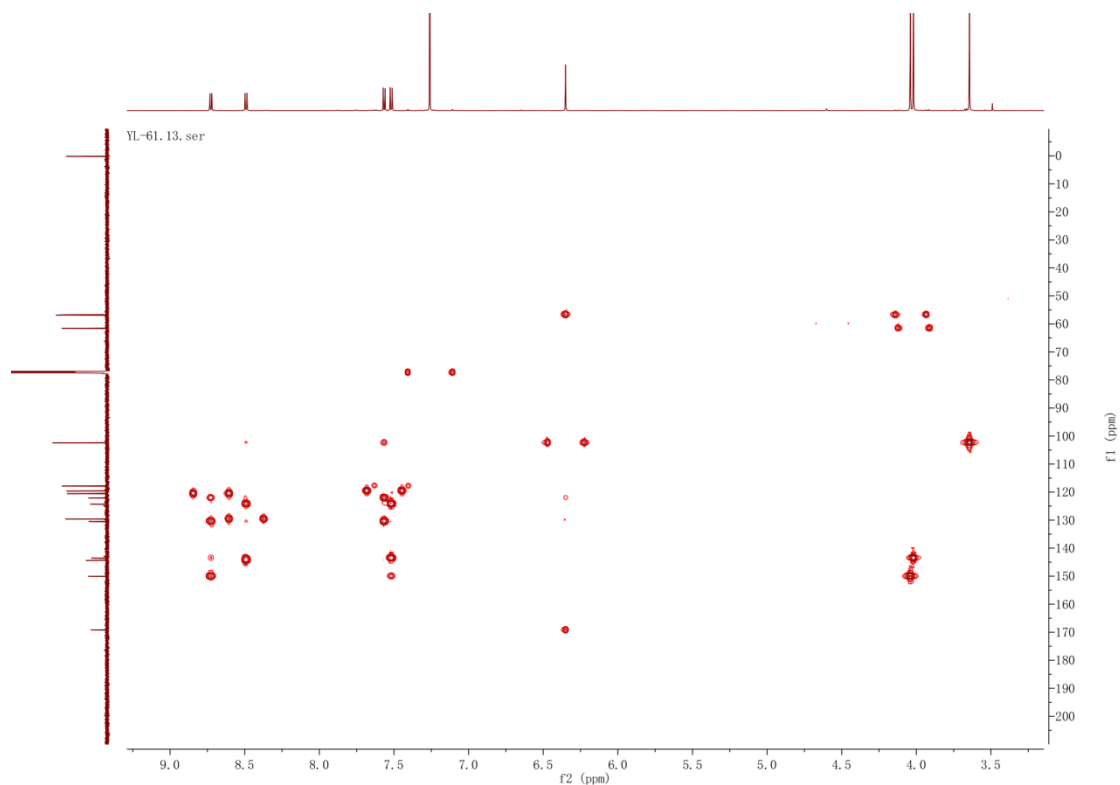


Figure S28:HMBC spectrum of compound **2** in Chloroform-*d*

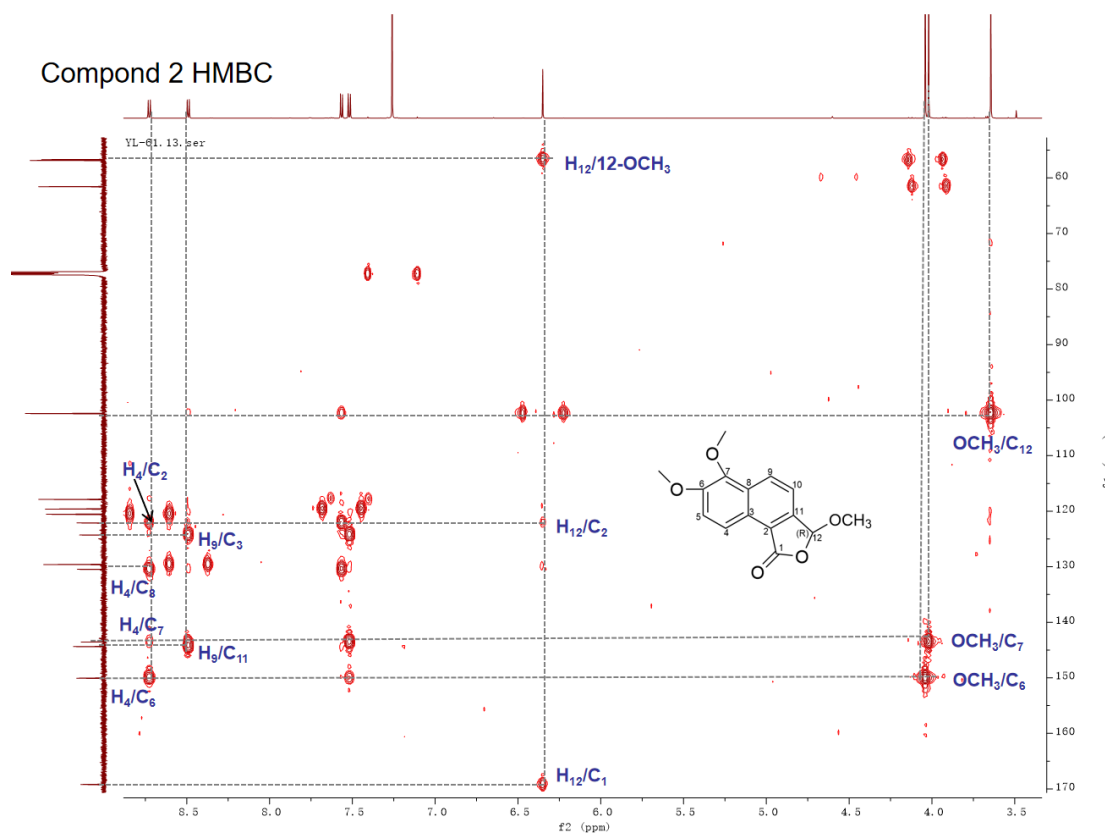


Figure S29: HMBC spectrum of **2** in Chloroform-*d* (From δ_C 60 ppm to δ_C 170 ppm)

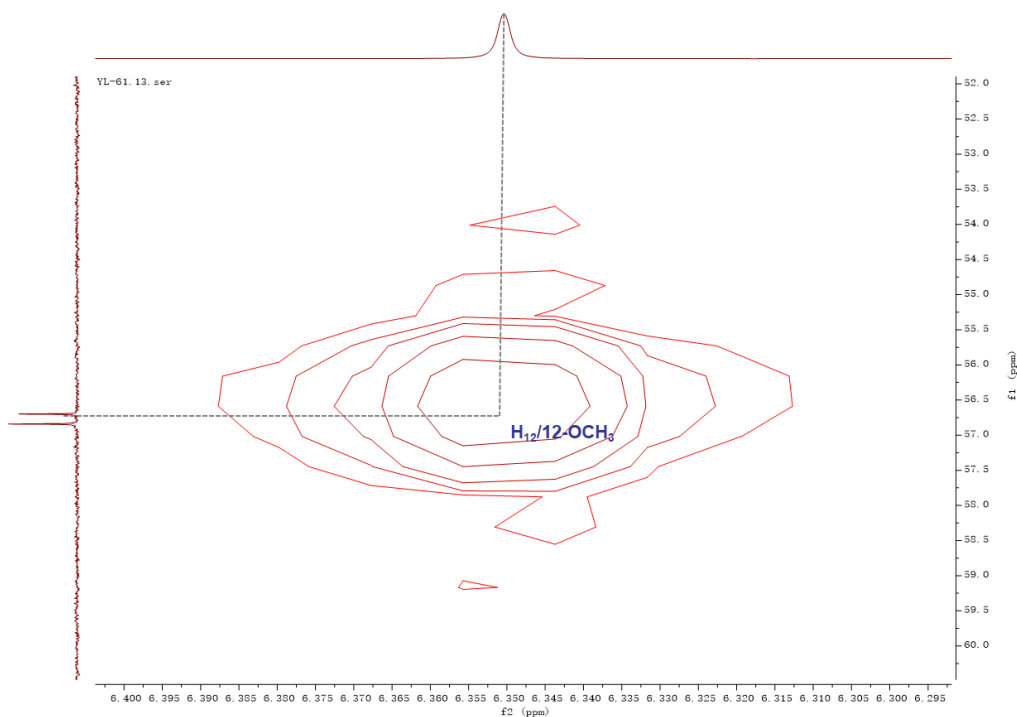


Figure S30: HMBC spectrum of **2** in Chloroform-*d* (From δ_C 52 ppm to δ_C 60 ppm)

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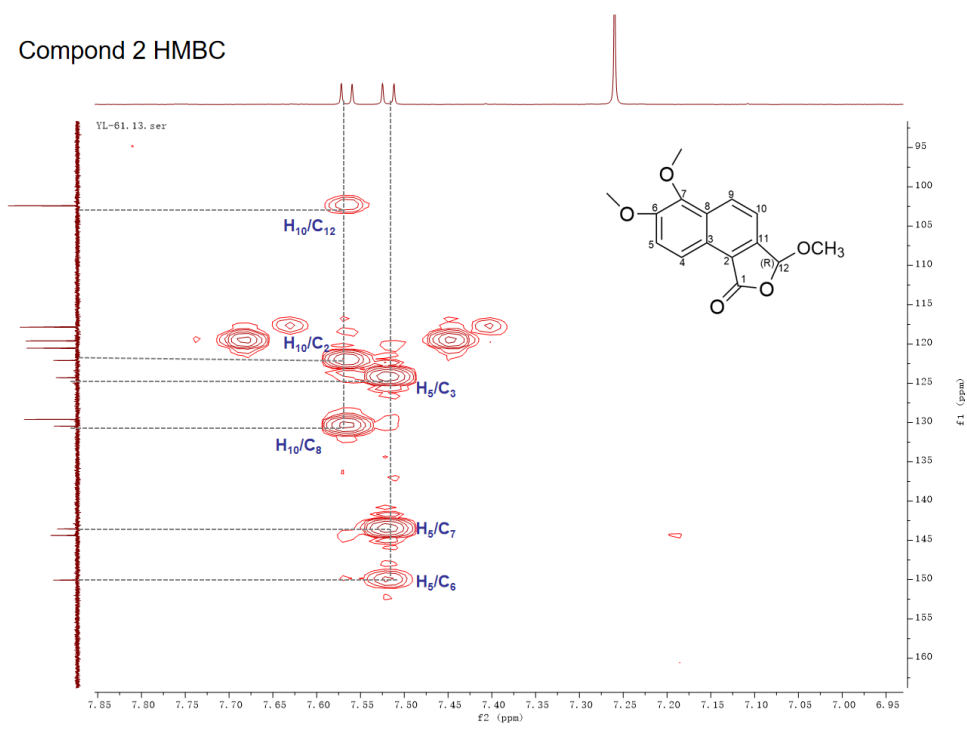


Figure S31:HMBC spectrum of **2** in Chloroform-*d* (From δ_C 95 ppm to δ_C 160 ppm)

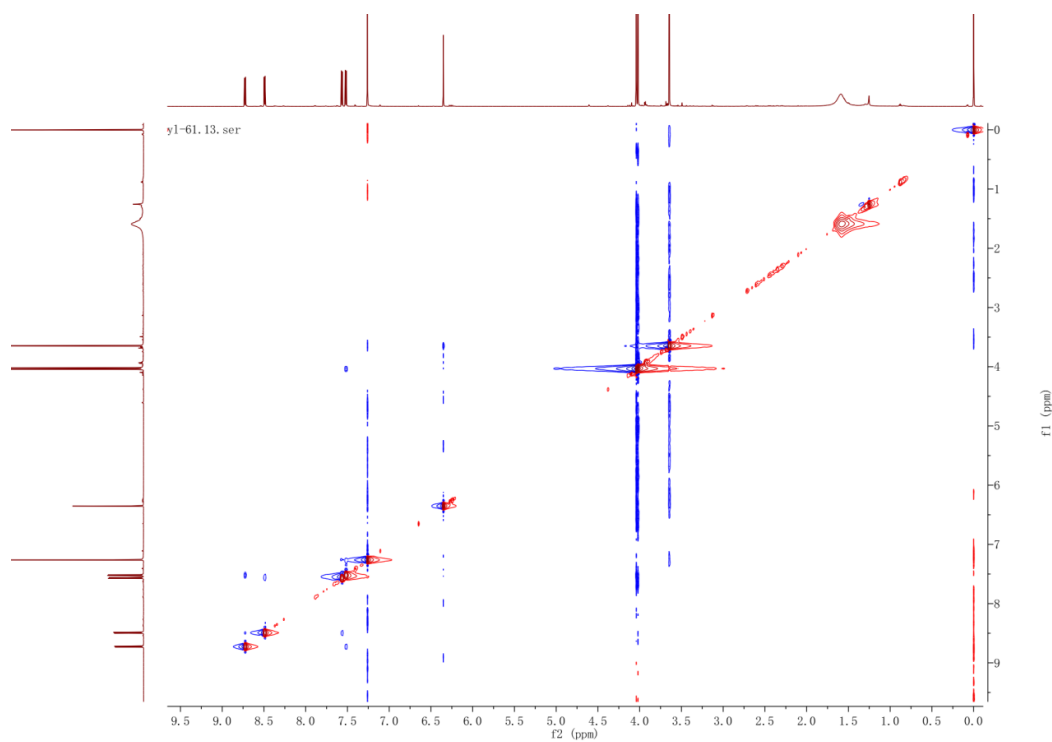


Figure S32: NOESY spectrum of **2** in Chloroform-*d*