

Supplementary Materials: Terpenoids from the Marine-Derived Fungus *Aspergillus fumigatus* YK-7

Yu Wang ¹, Da-Hong Li ^{2,3}, Zhan-Lin Li ^{2,3}, Yan-Jun Sun ⁴, Hui-Ming Hua ^{2,3}, Tao Liu ^{1,*} and Jiao Bai ^{2,3,*}

Figure S1. HR-ESI-MS spectrum of compound 1.

Figure S2. ¹H-NMR (300 MHz, CDCl₃) of compound 1.

Figure S3. ¹³C-NMR (75 MHz, CDCl₃) of compound 1.

Figure S4. ¹H-¹H COSY (600 MHz, CDCl₃) of compound 1.

Figure S5. HSQC (600 MHz, CDCl₃) of compound 1.

Figure S6. HMBC (600 MHz, CDCl₃) of compound 1.

Figure S7. NOESY (600 MHz, CDCl₃) of compound 1.

Figure S8. IR spectrum of compound 1.

Figure S9. HR-ESI-MS spectrum of compound 2.

Figure S10. ¹H-NMR (300 MHz, CDCl₃) of compound 2.

Figure S11. ¹³C-NMR (75 MHz, CDCl₃) of compound 2.

Figure S12. ¹H-¹H COSY (600 MHz, CDCl₃) of compound 2.

Figure S13. HSQC (600 MHz, CDCl₃) of compound 2.

Figure S14. HMBC (600 MHz, CDCl₃) of compound 2.

Figure S15. NOESY (600 MHz, CDCl₃) of compound 2.

Figure S16. IR spectrum of compound 2.

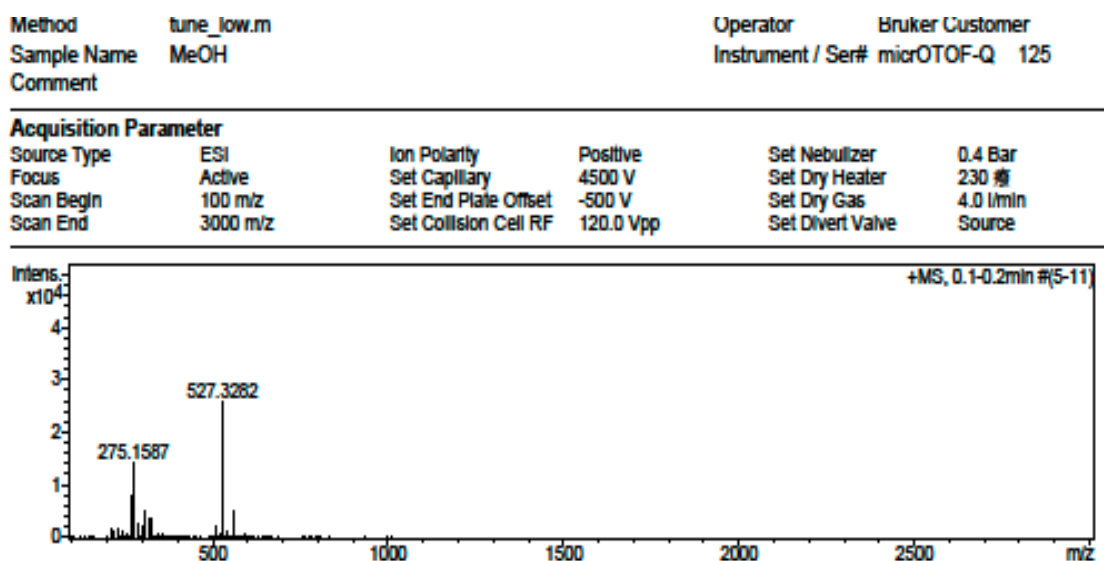
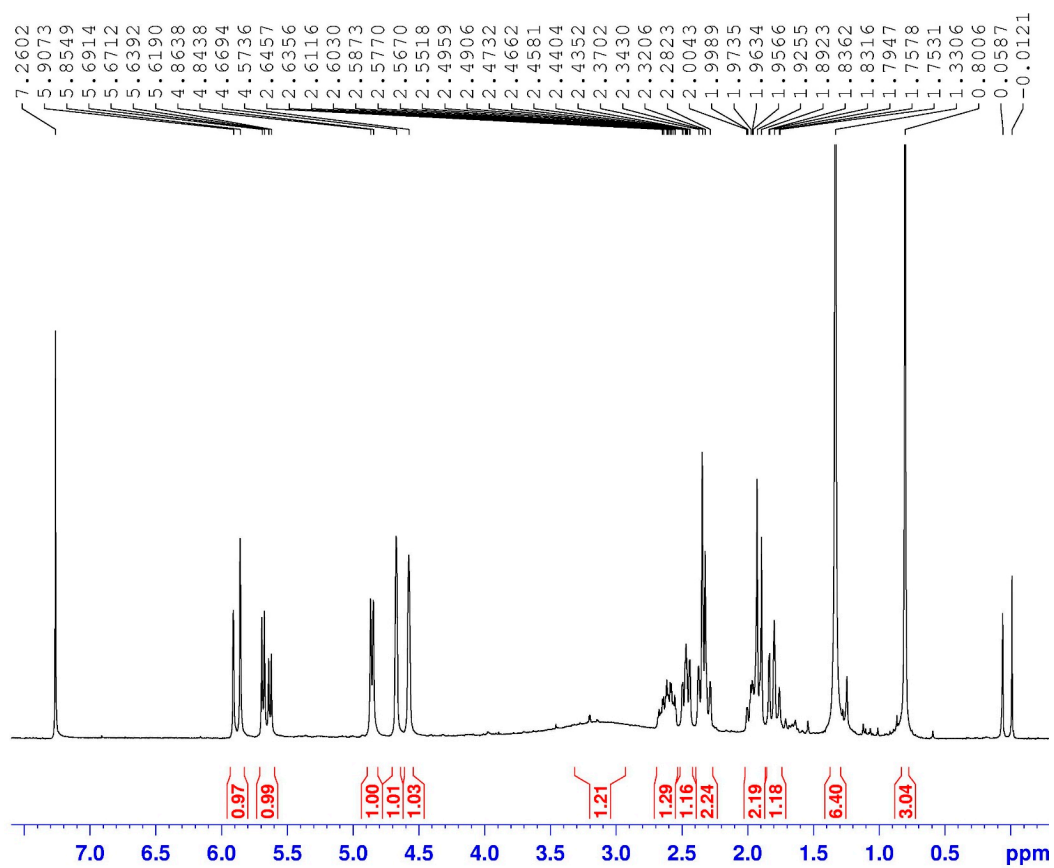
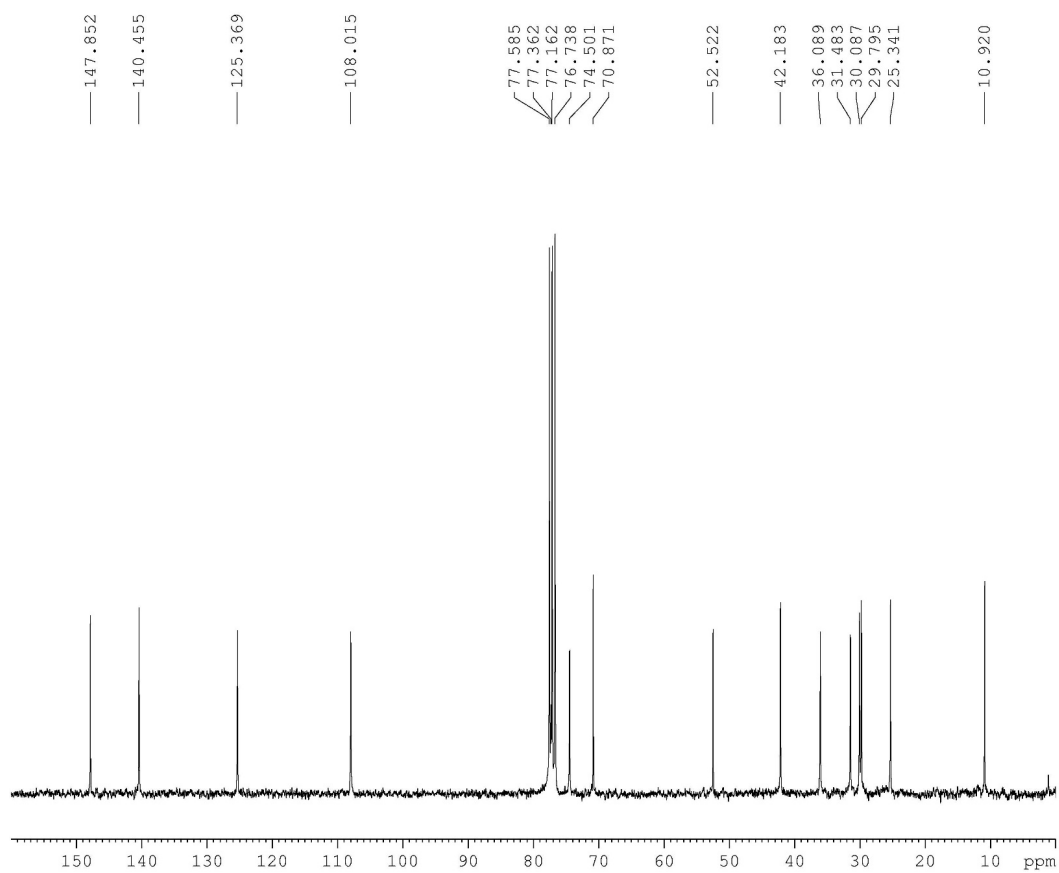


Figure S1. HR-ESI-MS spectrum of compound 1.

Figure S2. $^1\text{H-NMR}$ (300 MHz, CDCl_3) of compound 1.Figure S3. $^{13}\text{C-NMR}$ (75 MHz, CDCl_3) of compound 1.

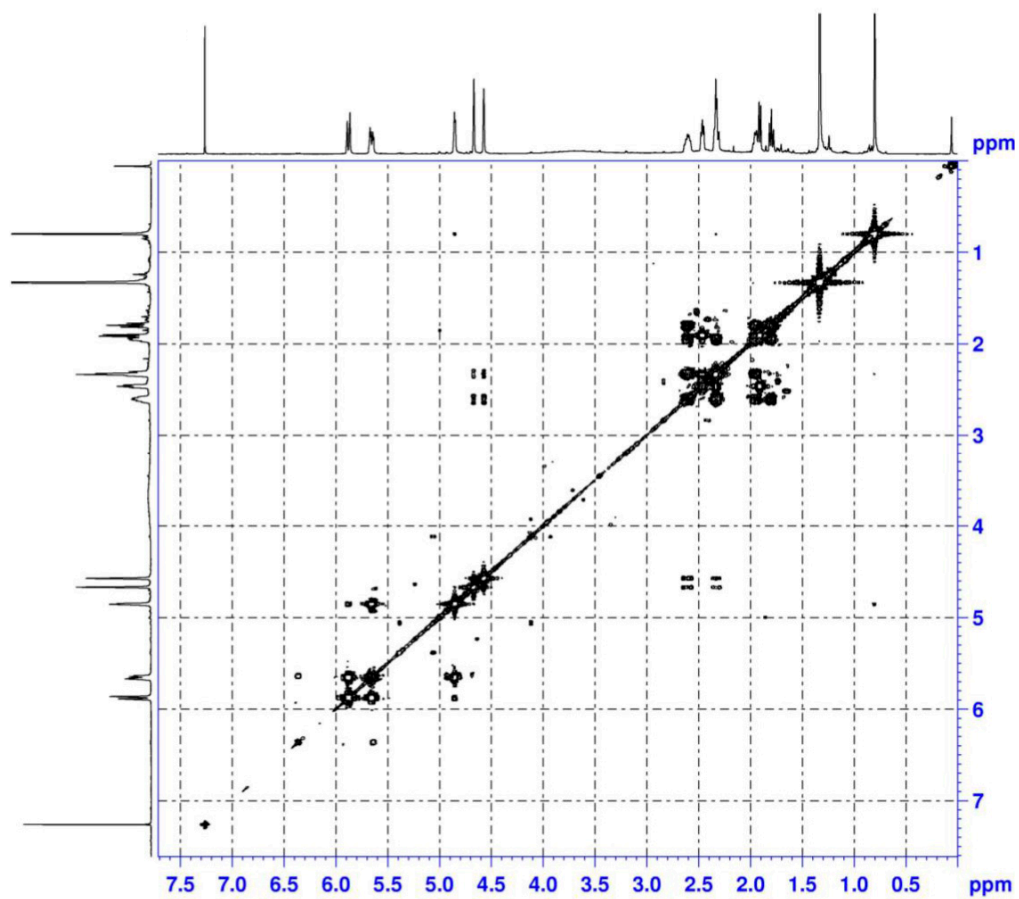


Figure S4. ^1H - ^1H COSY (600 MHz, CDCl_3) of compound 1.

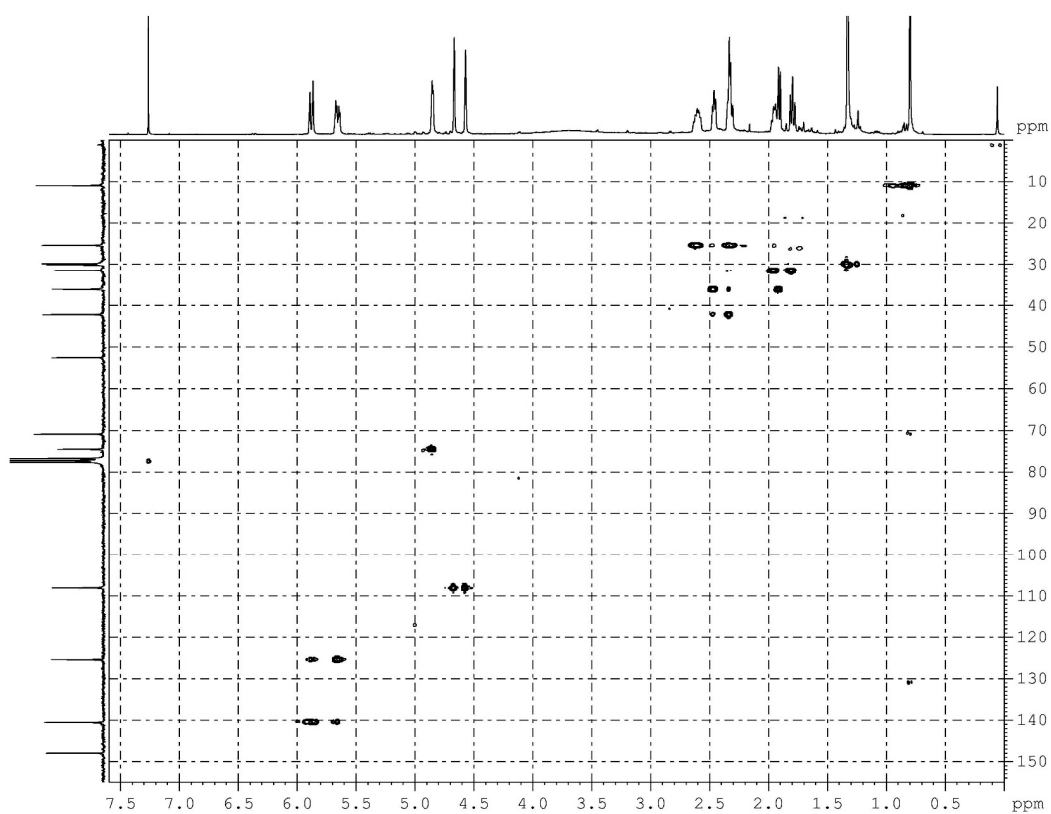


Figure S5. HSQC (600 MHz, CDCl_3) of compound 1.

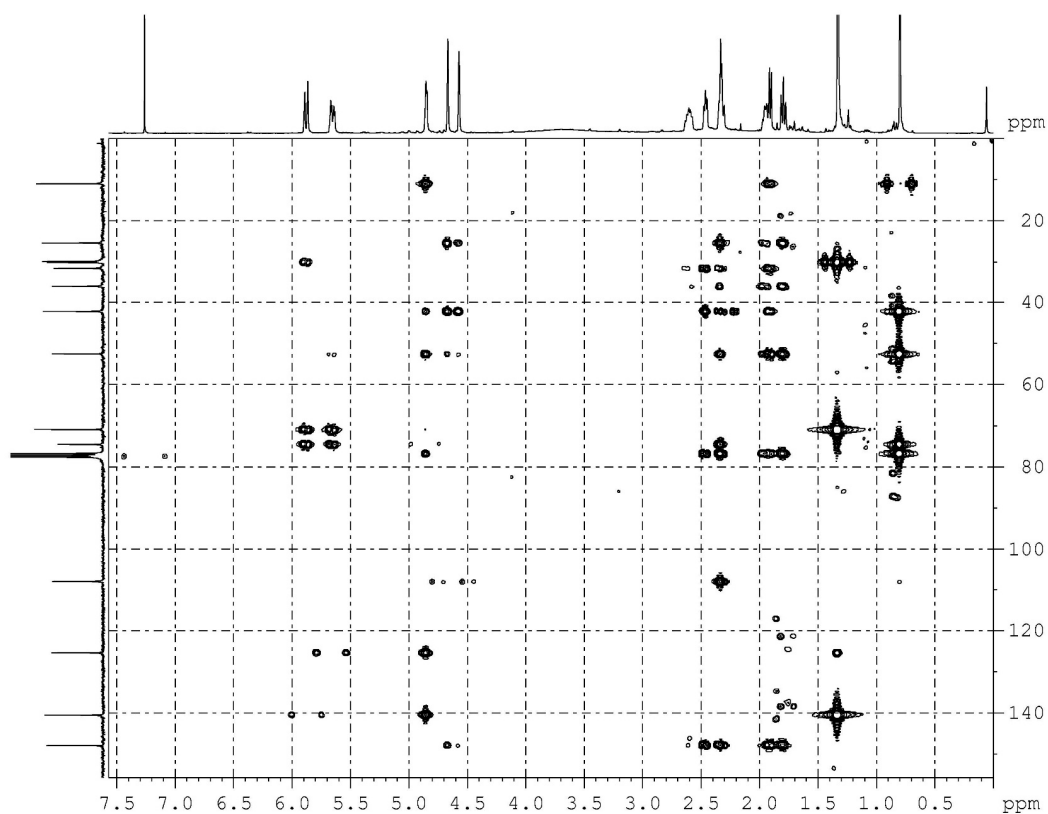


Figure S6. HMBC (600 MHz, CDCl₃) of compound 1.

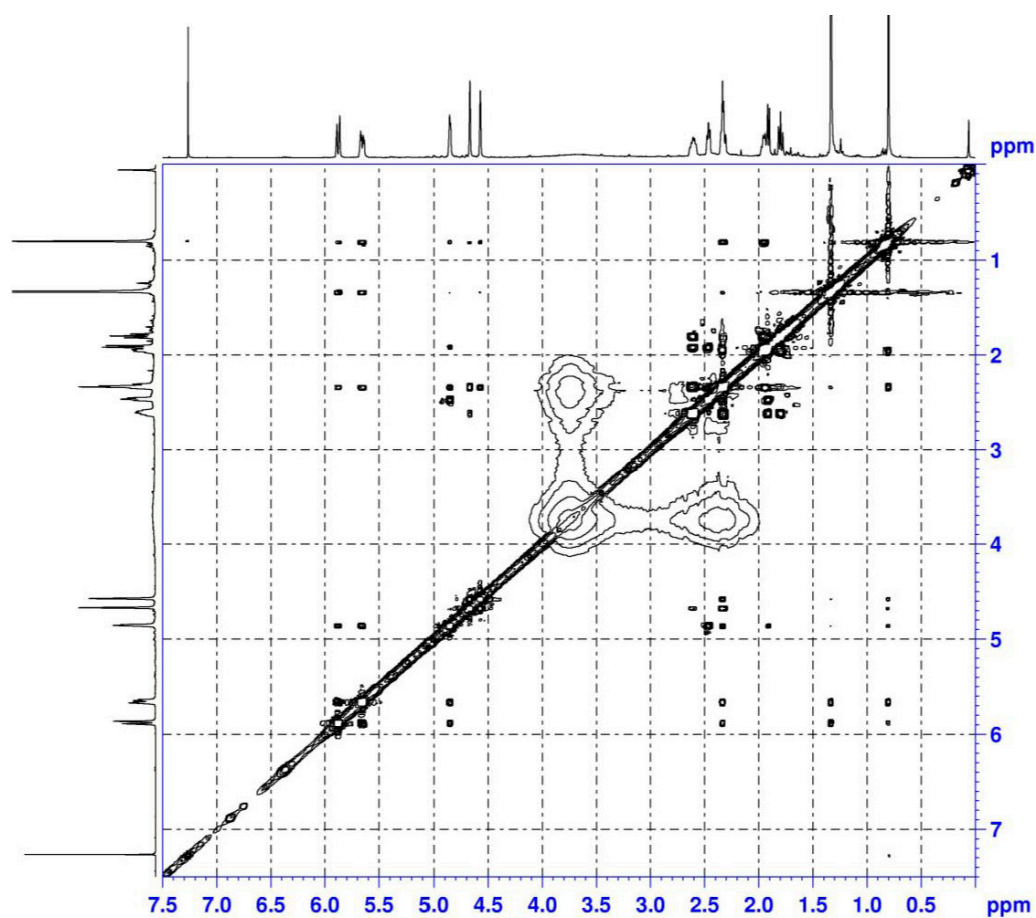


Figure S7. NOESY (600 MHz, CDCl₃) of compound 1.

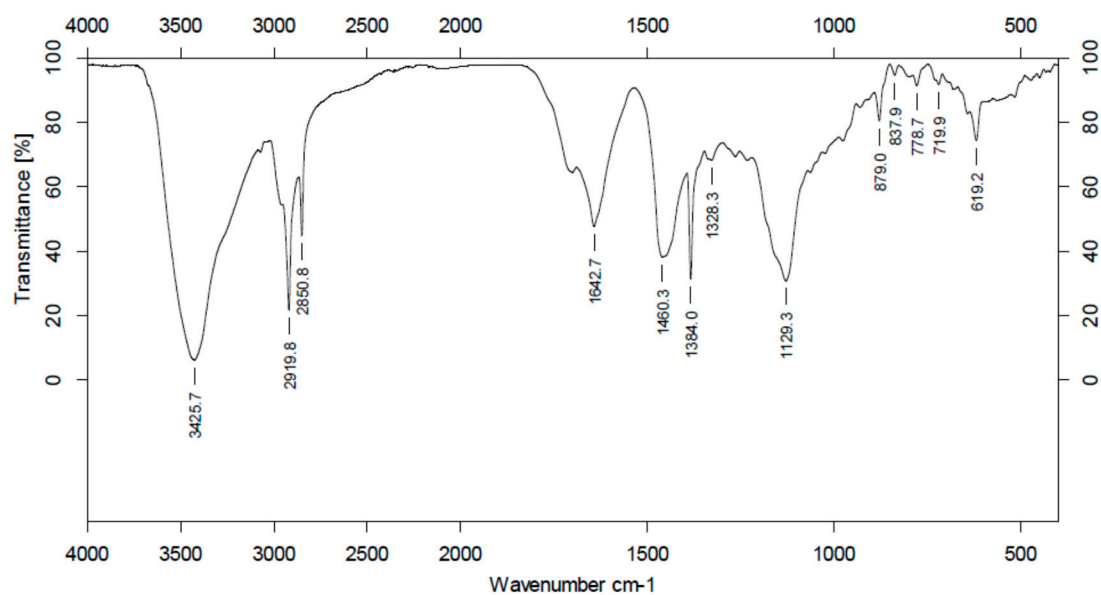


Figure S8. IR spectrum of compound 1.

Method	tune_low.m	Operator	Bruker Customer
Sample Name	MeOH	Instrument / Ser#	micrOTOF-Q 125
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	230 度
Scan Begin	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	120.0 Vpp	Set Divert Valve	Source

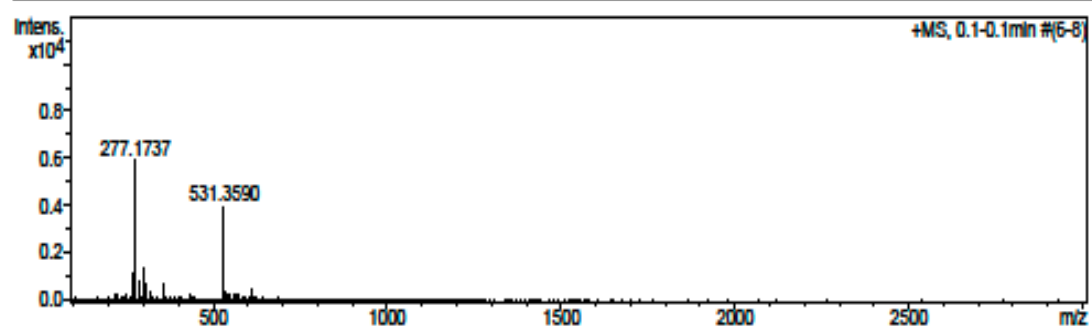
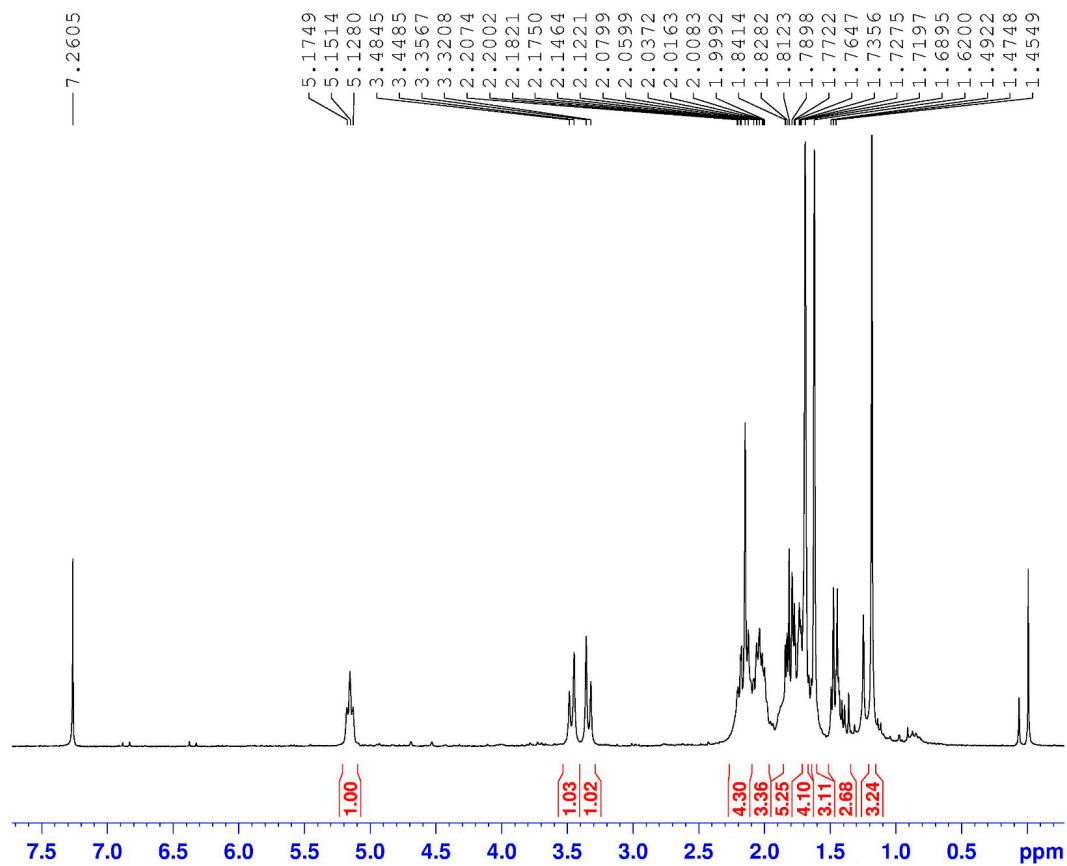
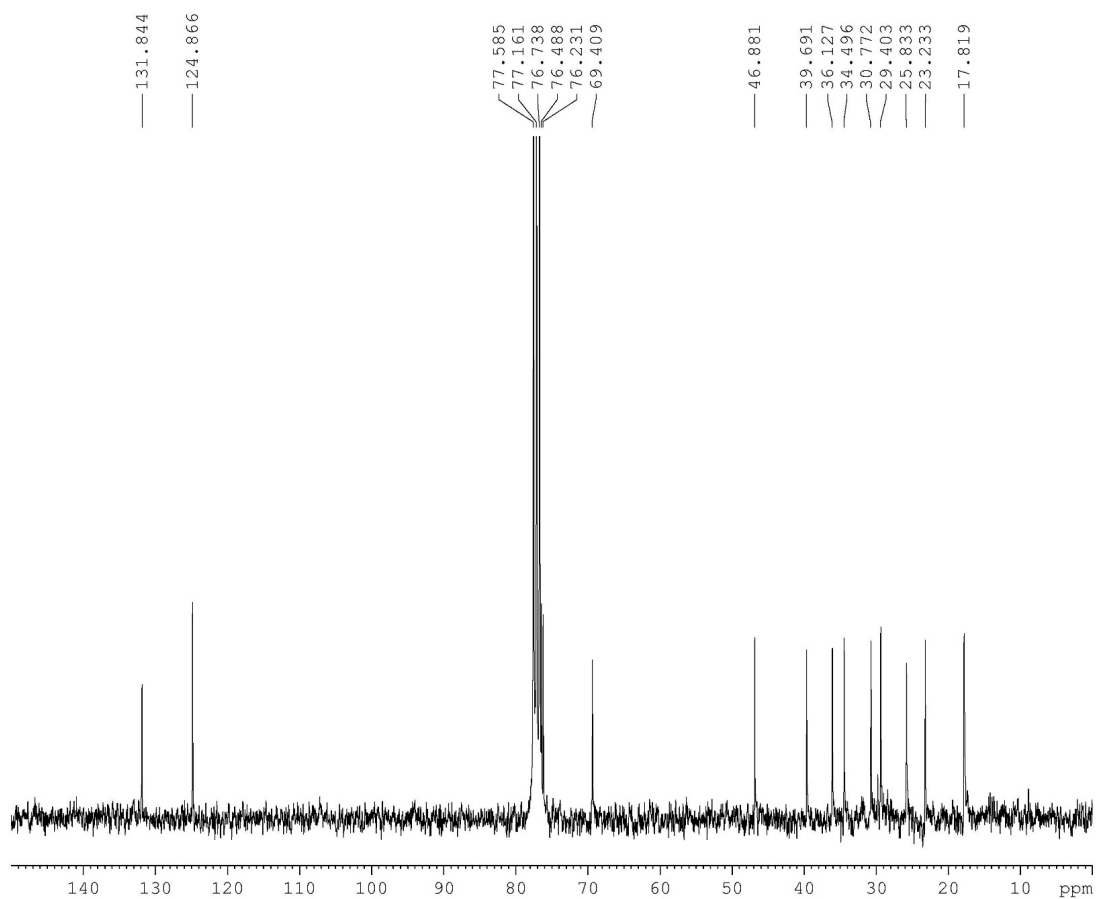


Figure S9. HR-ESI-MS spectrum of compound 2.

Figure S10. ^1H NMR (300 MHz, CDCl_3) of compound 2.Figure S11. ^{13}C -NMR (75 MHz, CDCl_3) of compound 2.

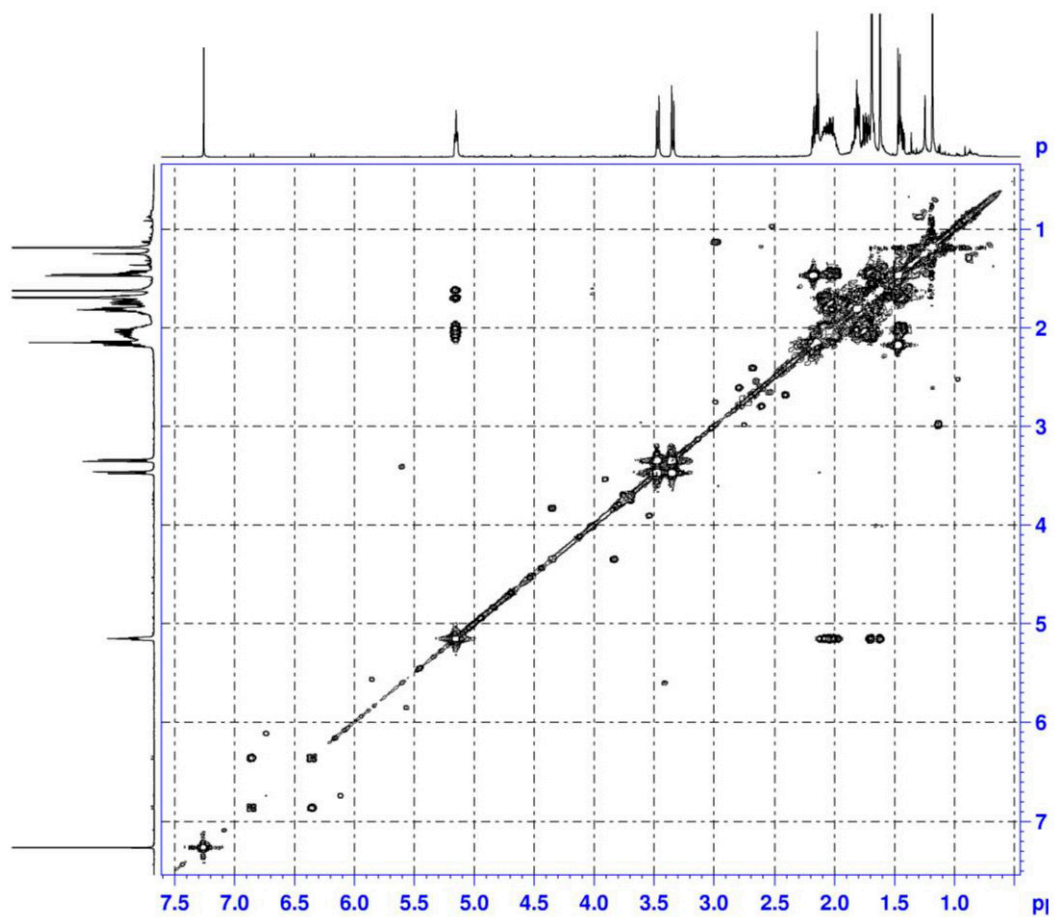


Figure S12. ^1H - ^1H COSY (600 MHz, CDCl_3) of compound 2.

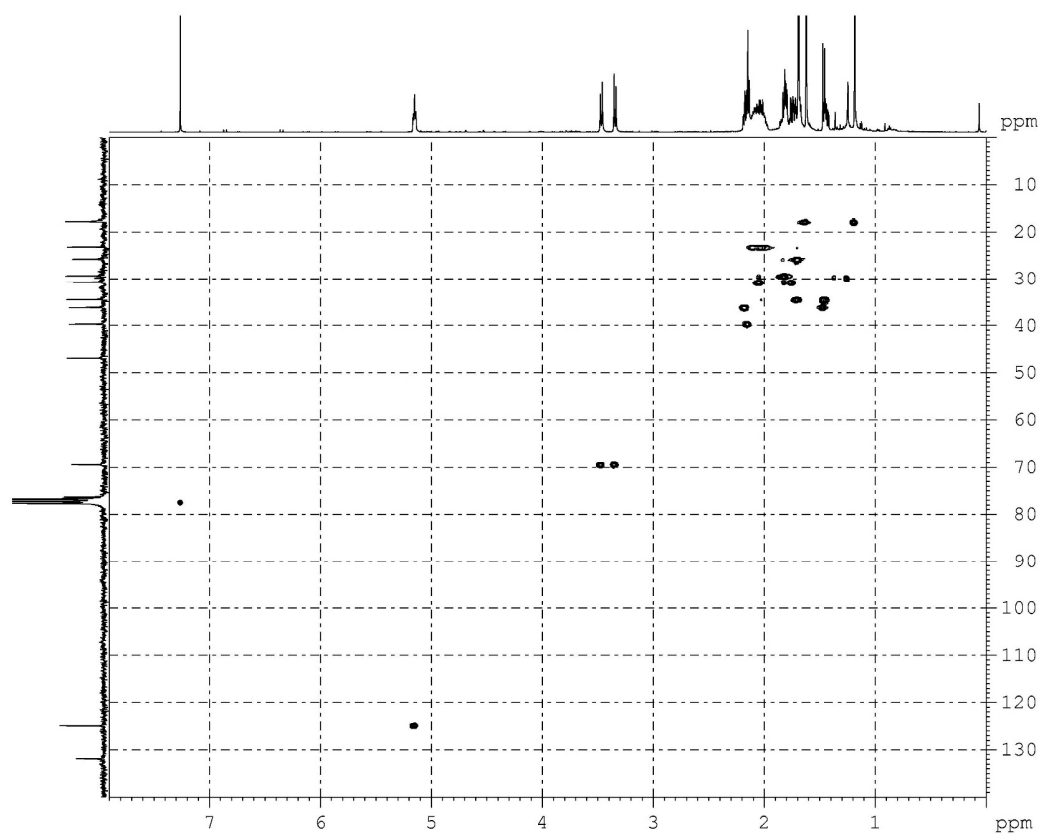


Figure S13. HSQC (600 MHz, CDCl_3) of compound 2.

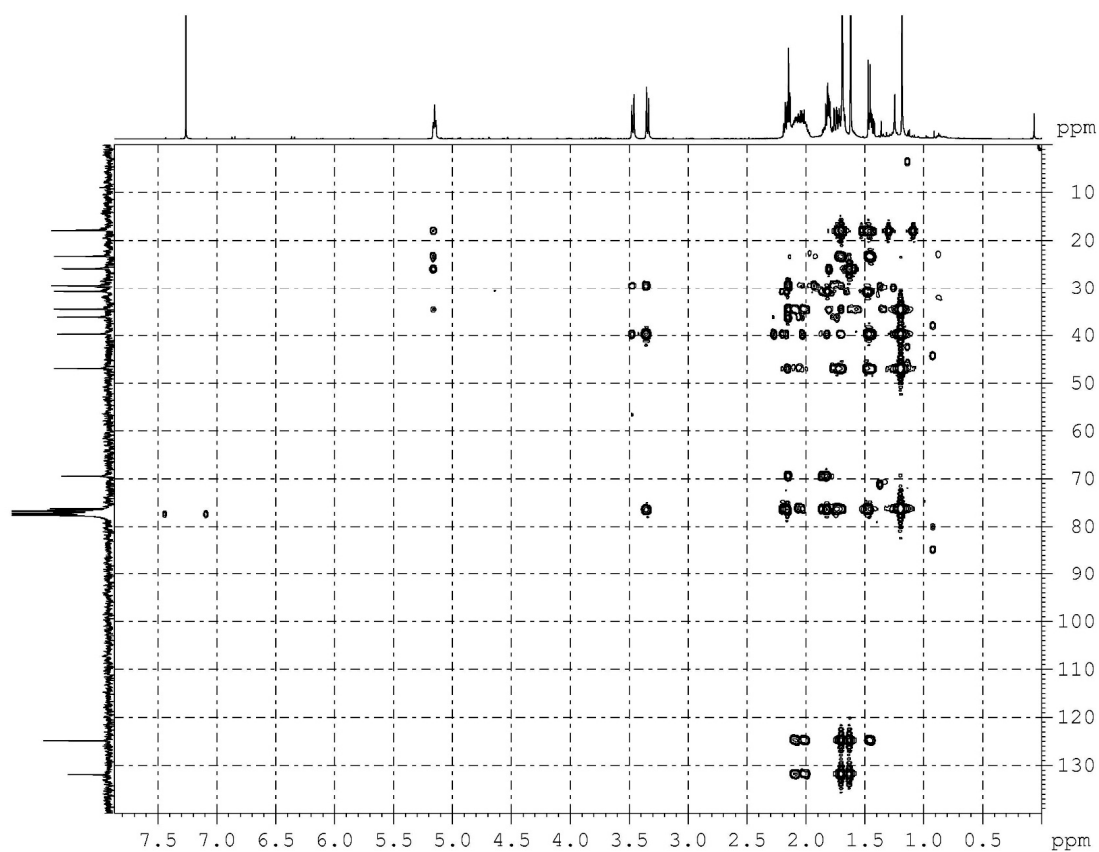


Figure S14. HMBC (600 MHz, CDCl₃) of compound 2.

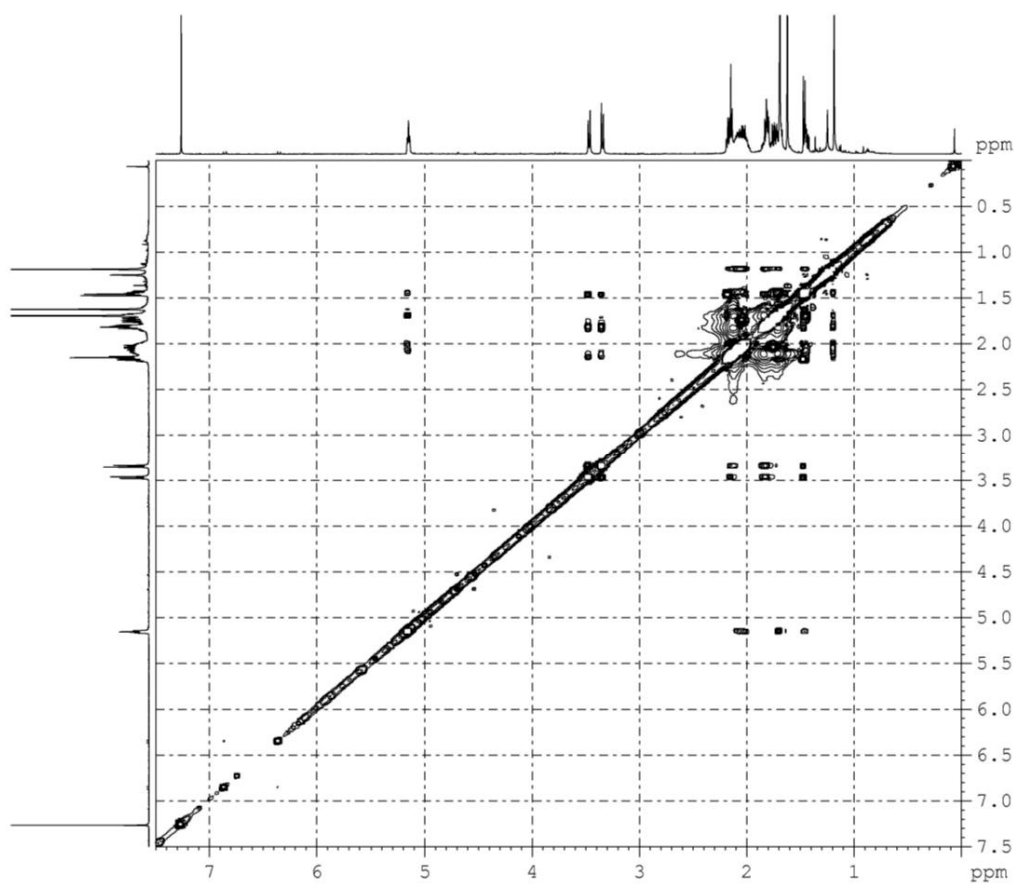


Figure S15. NOESY (600 MHz, CDCl₃) of compound 2.

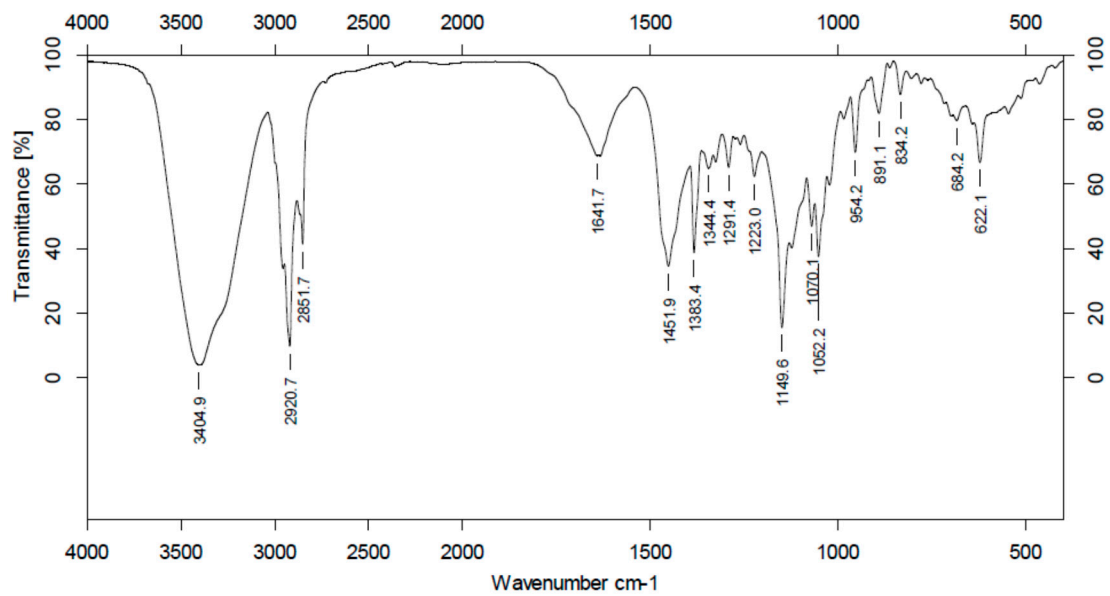


Figure S16. IR spectrum of compound 2.