

SUPPORTING INFORMATION

Naphthoquinone Derivatives with Anti-inflammatory Activity from Mangrove Derived Endophytic Fungus *Talaromyces* sp. SK-S009

Hongju Liu ^{a,*}, Chong Yan ^a, Changqun Li ^a, Tingting You ^a and Zhigang She ^{b,*}

^a School of Pharmacy, Guangdong Medical University, Dongguan 523808, China;

^b School of Chemistry, Sun Yat-Sen University, Guangzhou 510275, China;

*Corresponding authors: Hongju Liu (Email: liuhj8@mail2.sysu.edu.cn); Zhigang She (Email: cesshzhg@mail.sysu.edu.cn; Tel/Fax: +86-20-84113356)

Table of contents:

Figure S1. HRESIMS spectrum of compound **1**

Figure S2. ^1H NMR (500 MHz, CDCl_3) spectrum of compound **1**

Figure S3. ^{13}C NMR (125MHz, CDCl_3) spectrum of compound **1**

Figure S4. ^1H - ^1H COSY (500 MHz) spectrum of Compound **1** in CDCl_3

Figure S5. HSQC (500 MHz) spectrum of Compound **1** in CDCl_3

Figure S6. HMBC (500 MHz) spectrum of Compound **1** in CDCl_3

Figure S7. HREIMS spectrum of compound **2**

Figure S8. ^1H NMR (500 MHz, CDCl_3) spectrum of compound **2**

Figure S9. ^{13}C NMR (125MHz, CDCl_3) spectrum of **2**

Figure S10. ^1H - ^1H COSY (500 MHz) spectrum of Compound **2** in CDCl_3

Figure S11. HSQC (500 MHz) spectrum of Compound **2** in CDCl_3

Figure S12. HMBC (500 MHz) spectrum of Compound **2** in CDCl_3

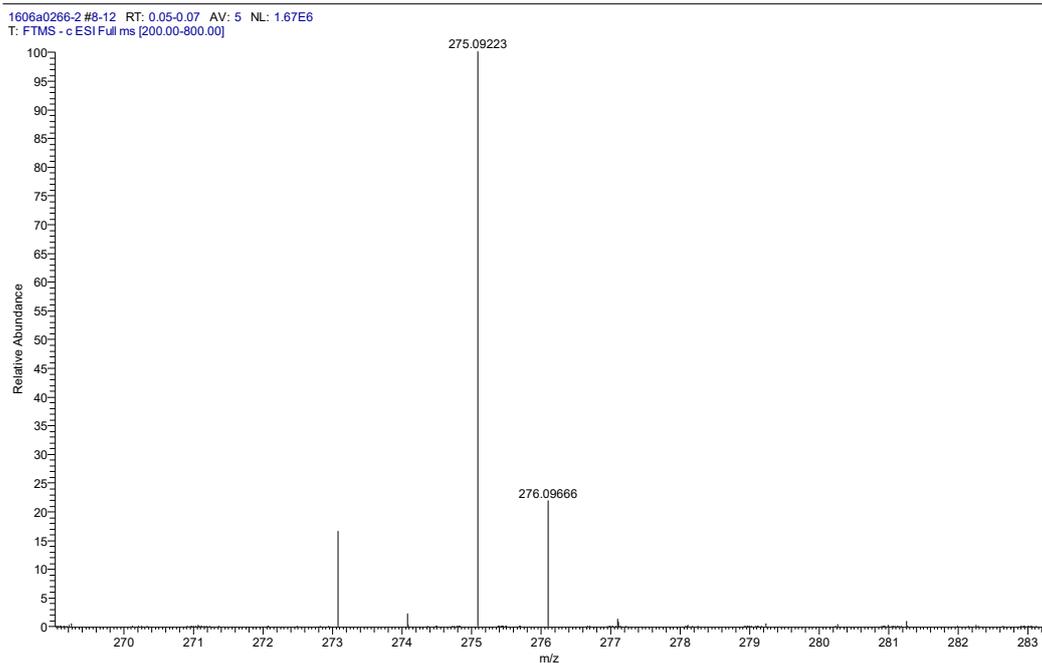


Figure S1. HRESIMS spectrum of compound 1.

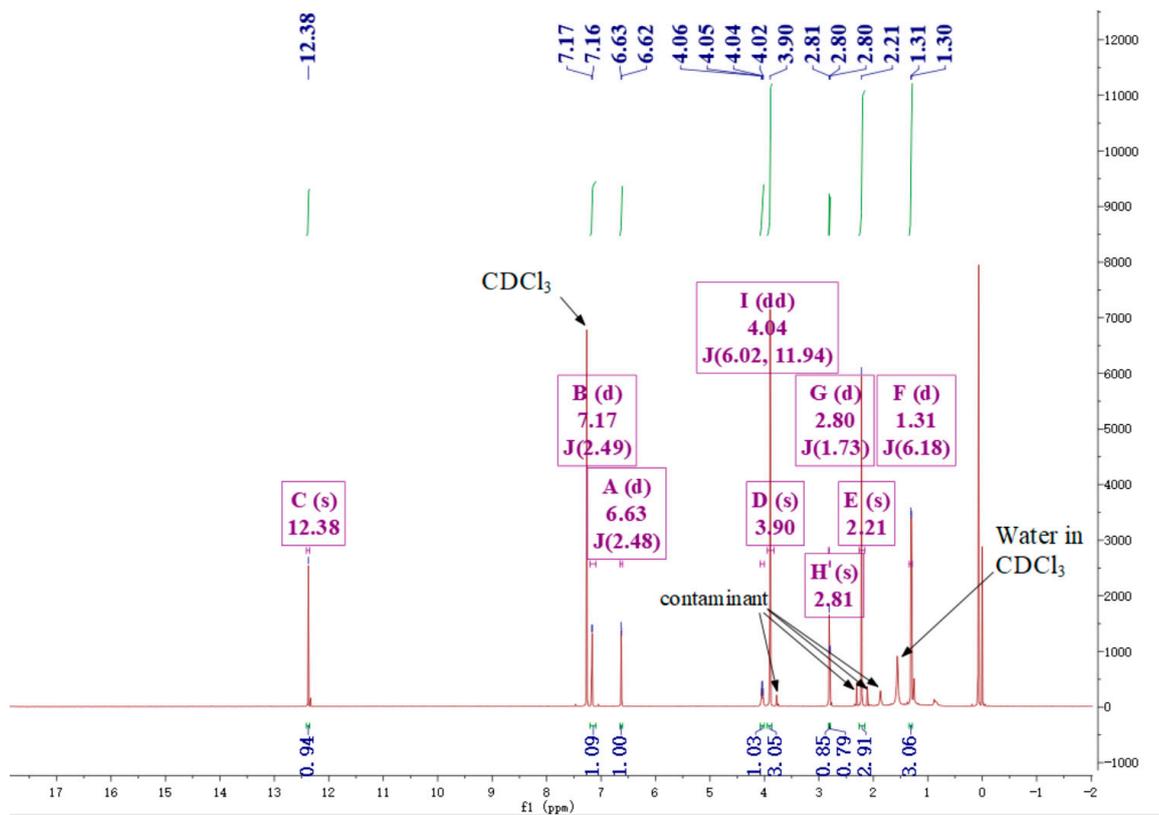


Figure S2. ¹H NMR (500 MHz, CDCl₃) spectrum of compound 1.

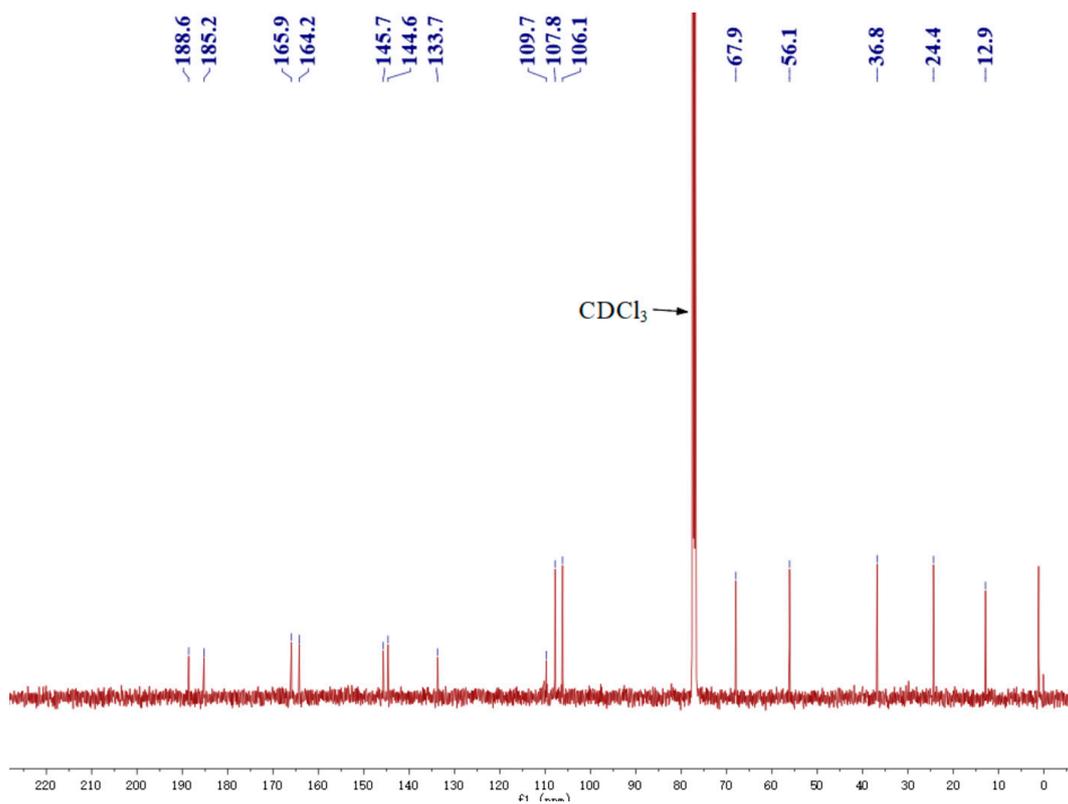


Figure S3. ^{13}C NMR (125 MHz, CDCl_3) spectrum of compound **1**.

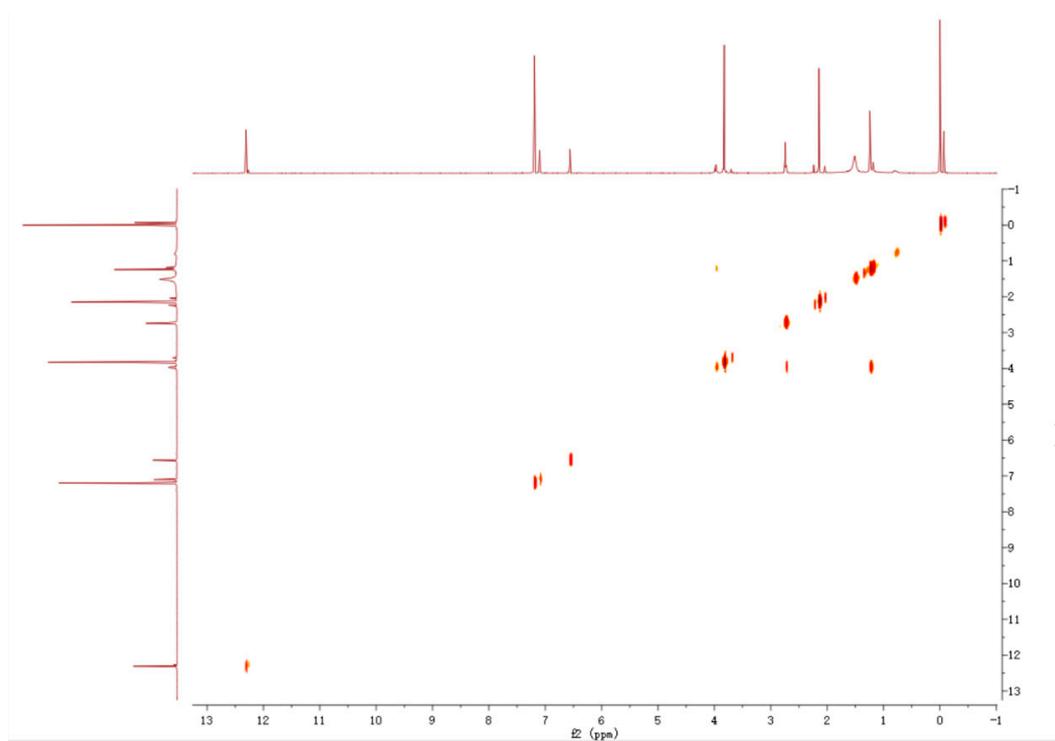


Figure S4. ^1H - ^1H COSY spectrum of Compound **1** in CDCl_3 .

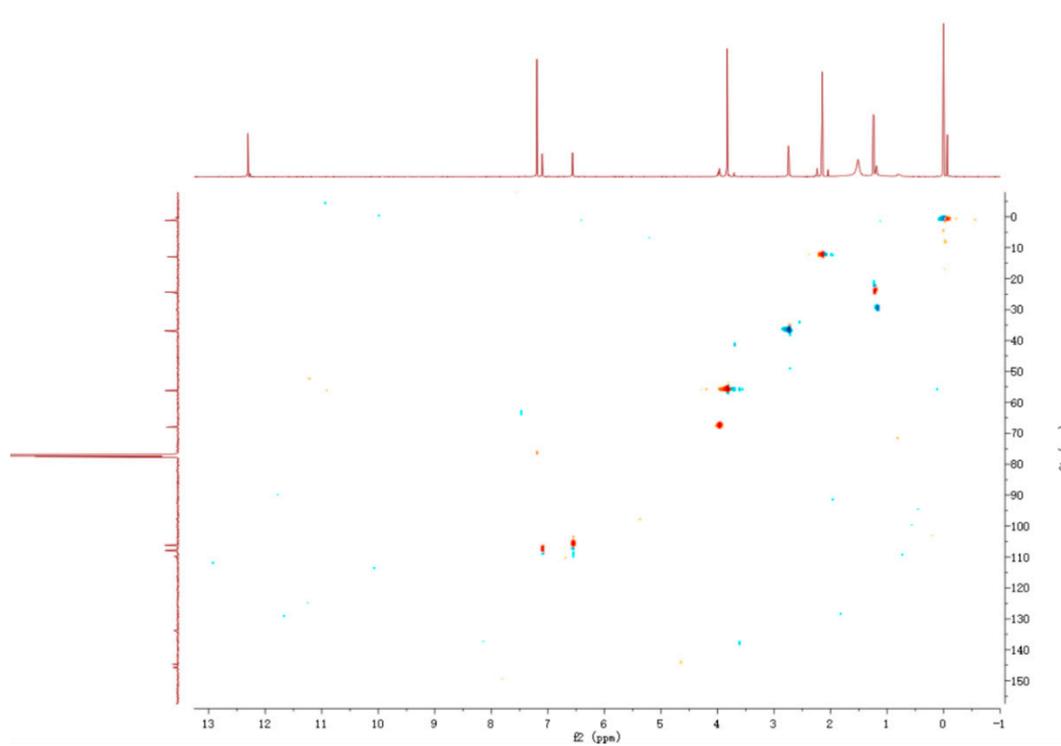


Figure S5. HSQC spectrum of Compound **1** in CDCl₃.

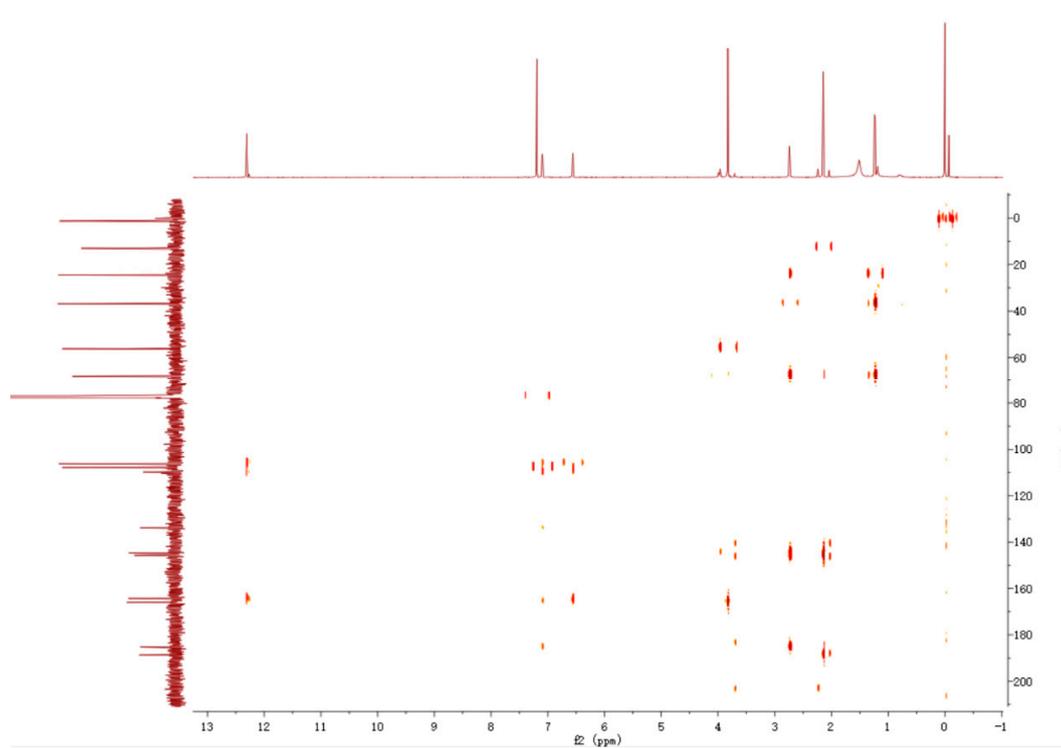


Figure S6. HMBC spectrum of Compound **1** in CDCl₃.

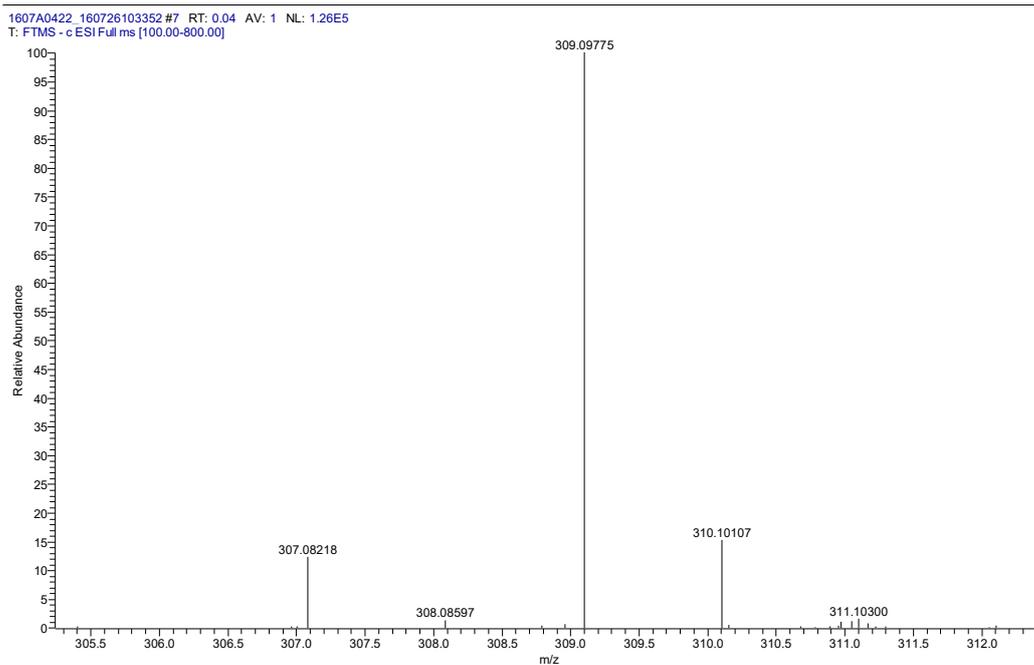


Figure S7. HRESIMS spectrum of Compound **2**.

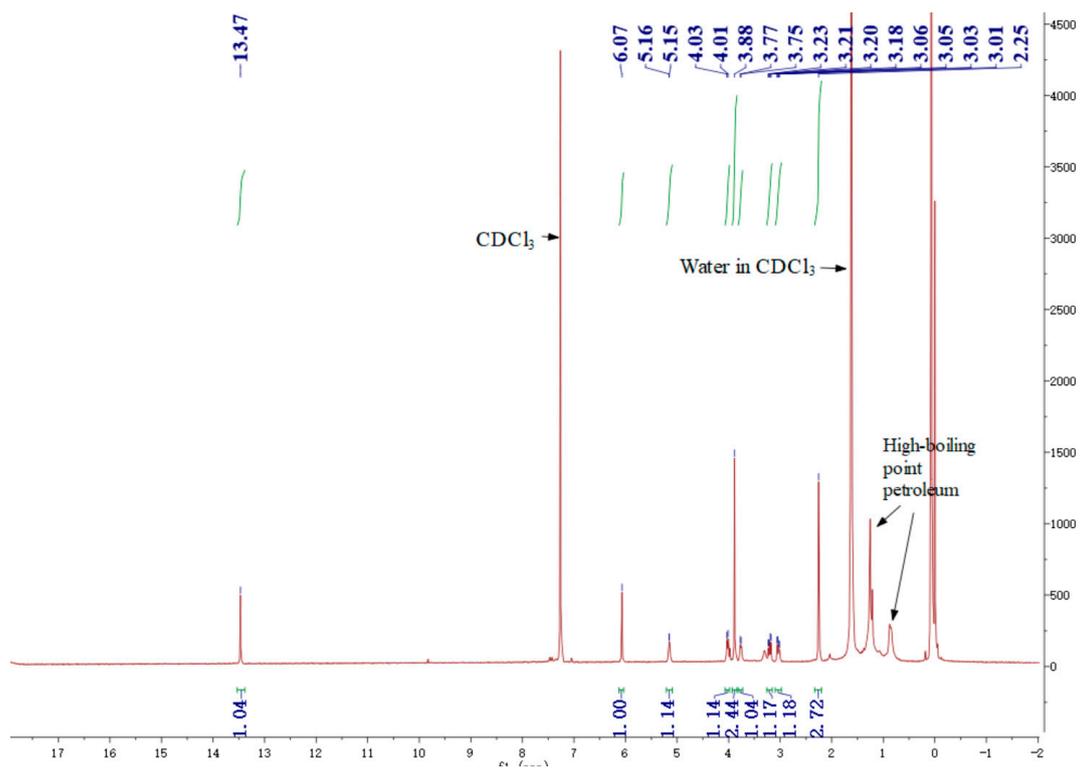


Figure S8. ¹H NMR (500 MHz, CDCl₃) spectrum of Compound **2**.

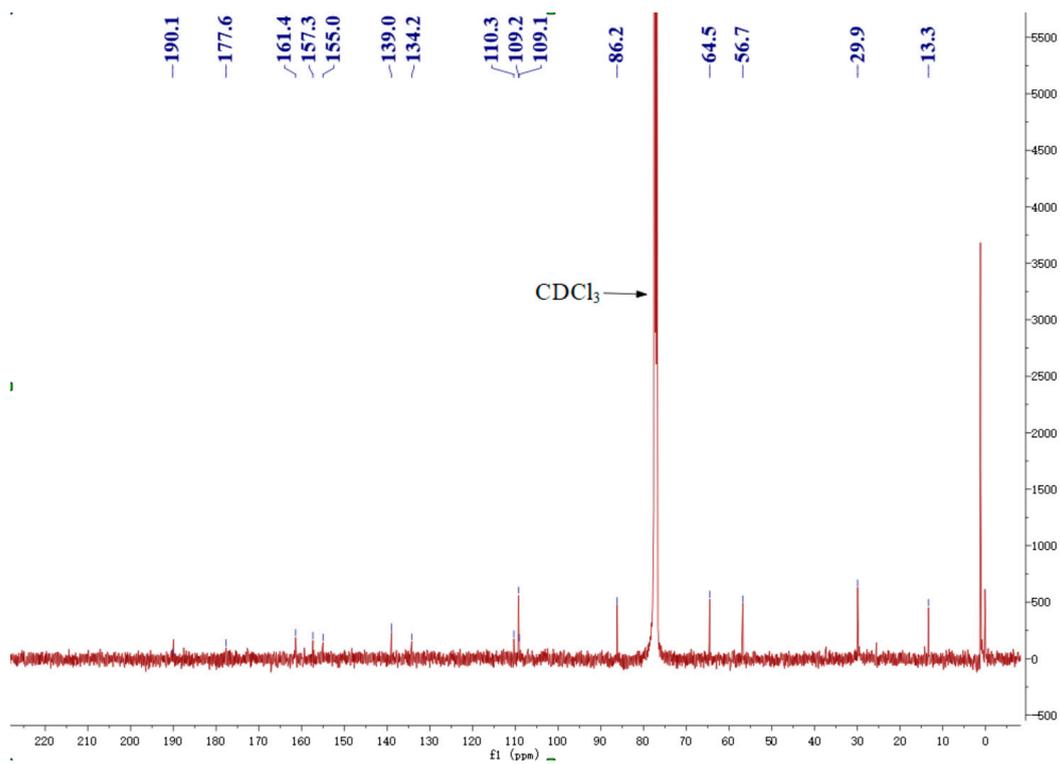


Figure S9. ^{13}C NMR (125 MHz, CDCl_3) spectrum of Compound 2.

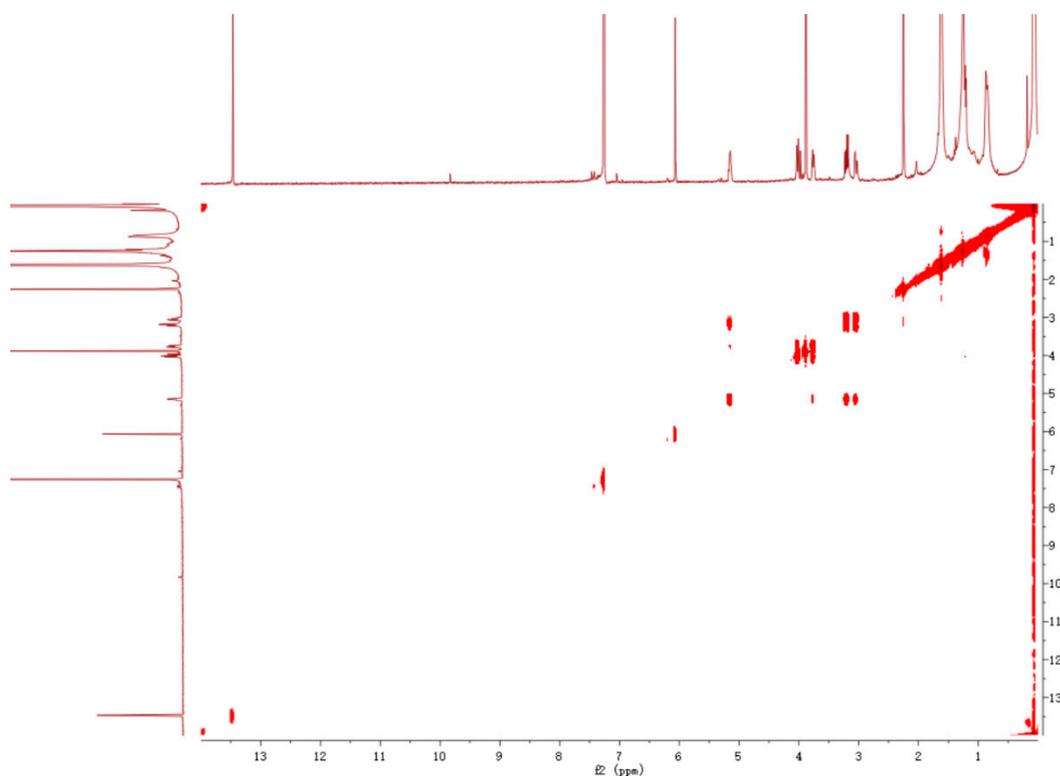


Figure S10. ^1H - ^1H COSY spectrum of Compound 2 in CDCl_3 .

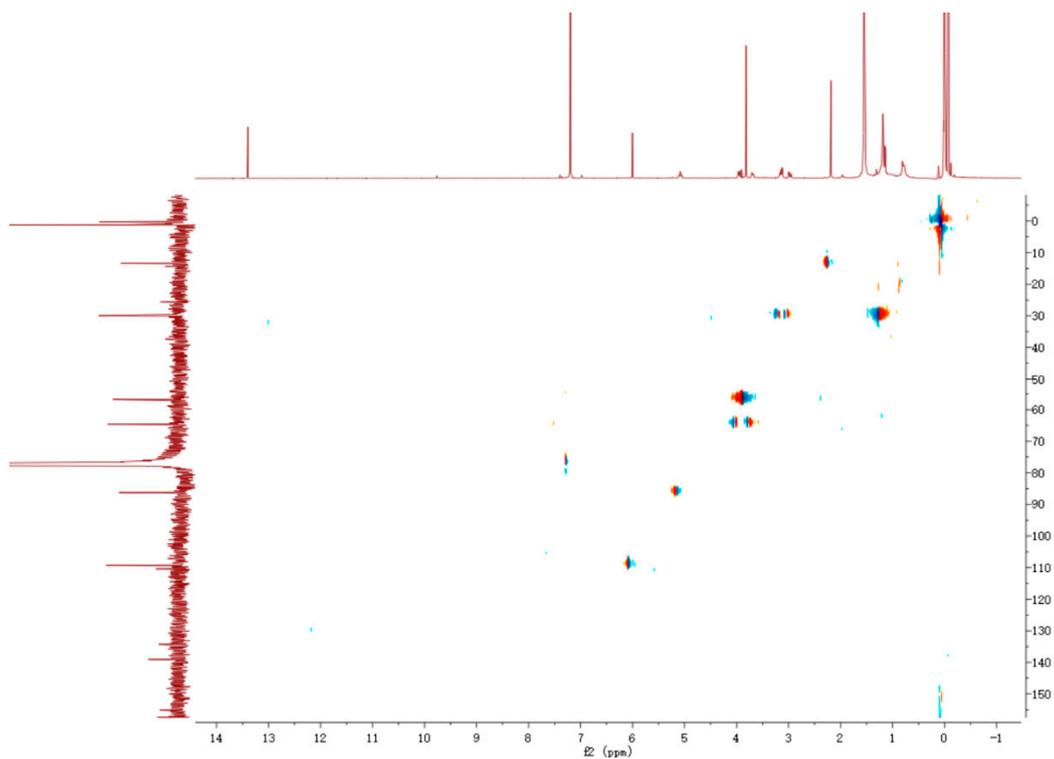


Figure S11. HSQC spectrum of Compound **2** in CDCl_3 .

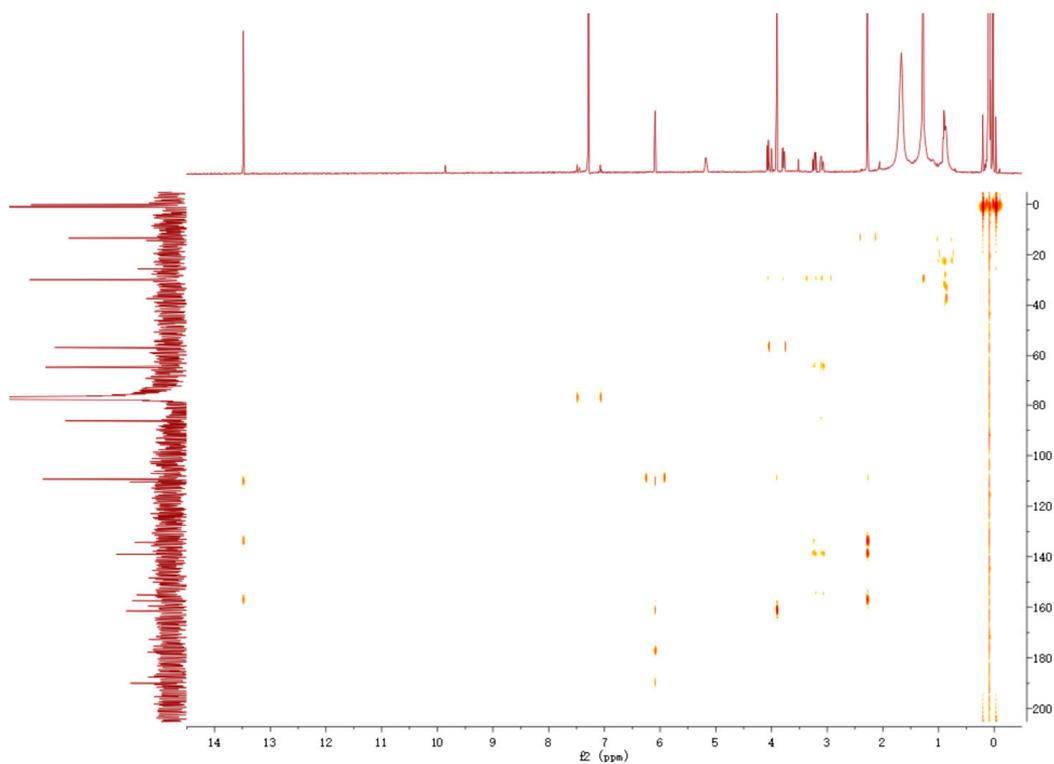


Figure S12. HMBC spectrum of Compound **2** in CDCl_3 .