# SUPPORTING INFORMATION

# Strepchazolins A and B: Two New Alkaloids from a Marine *Streptomyces chartreusis* NA02069

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**Supplementary Materials**

**Table S1.** NMR data (methanol-$d_4$, $^1$H 600 MHz, $^{13}$C 150 MHz) for **2a** and **2b**

| Position | $\delta_{H\text{-}2a}$ | $\delta_{H\text{-}2b}$ | $\Delta\delta_H=\delta_{H\text{-}2a}-\delta_{H\text{-}2b}$ |
|---|---|---|---|
| 1 | 1.4690 | 1.5365 | -0.0675 |
| 2 | 5.8839 | 5.8571 | +0.0268 |
| 3 | - | - | - |
| 4 | 5.8746 | 5.6154 | +0.2592 |
| 5 | 4.5786 | 4.4903 | +0.0883 |
| 6 | 4.3181 | 4.2601 | +0.058 |
| 7 | - | - | - |
| 8 | 6.0121 | 5.9029 | +0.1092 |
| 9 | 2.2954 | 2.1815 | +0.1139 |
| 10 | 3.8312,3.1716 | 3.8021,3.1250 | +0.0291, +0.0466 |
| 11 | - | - | - |
| 12 | 1.9911 | 2.0353 | -0.0442 |

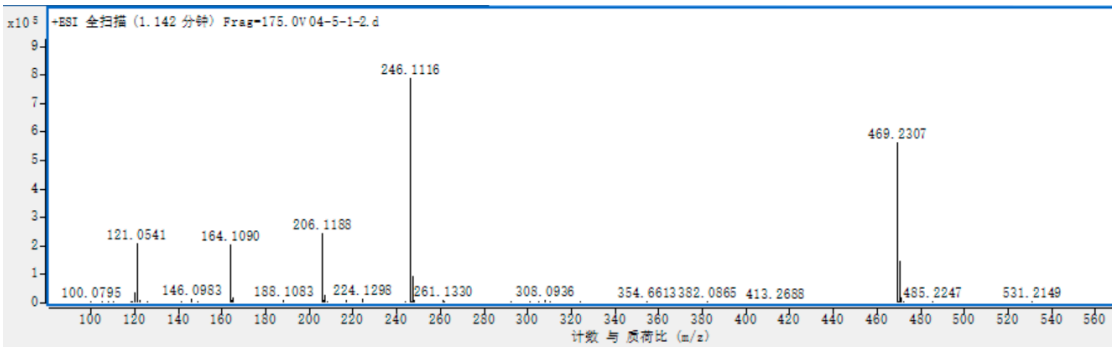


**Figure S1.** HRESIMS of compound **1**

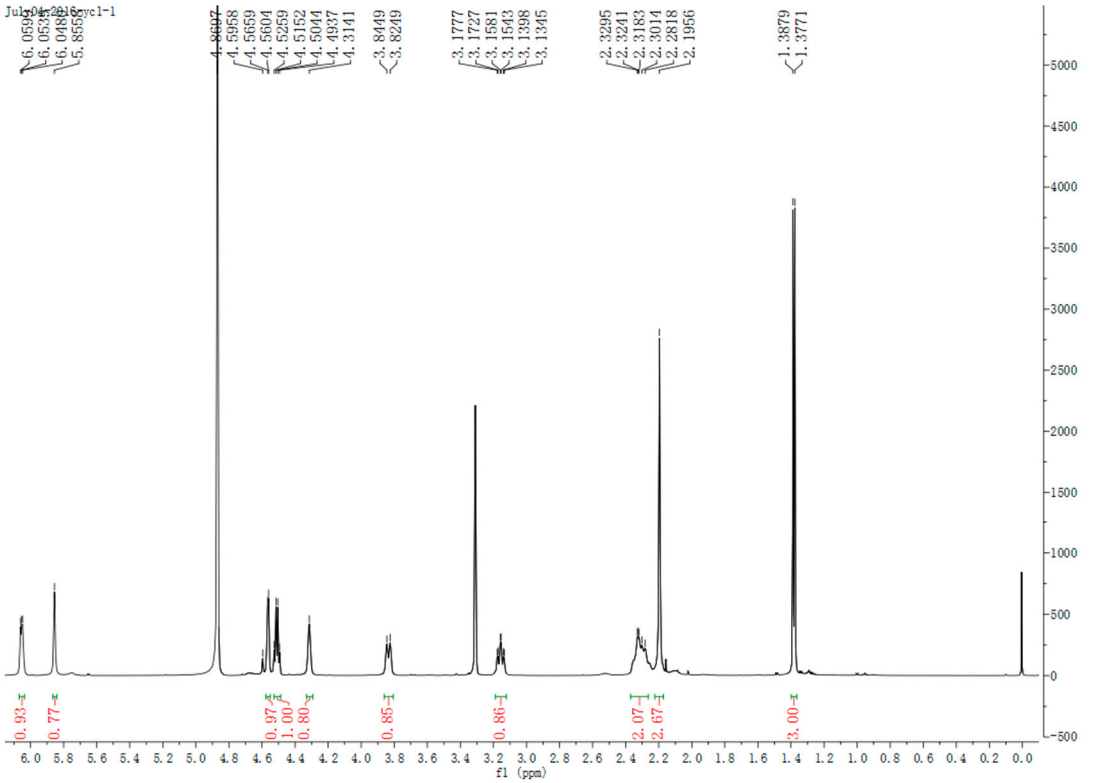


**Figure S2.** $^{1}$H NMR spectrum for **1** in methanol-$d_4$ (600 MHz)

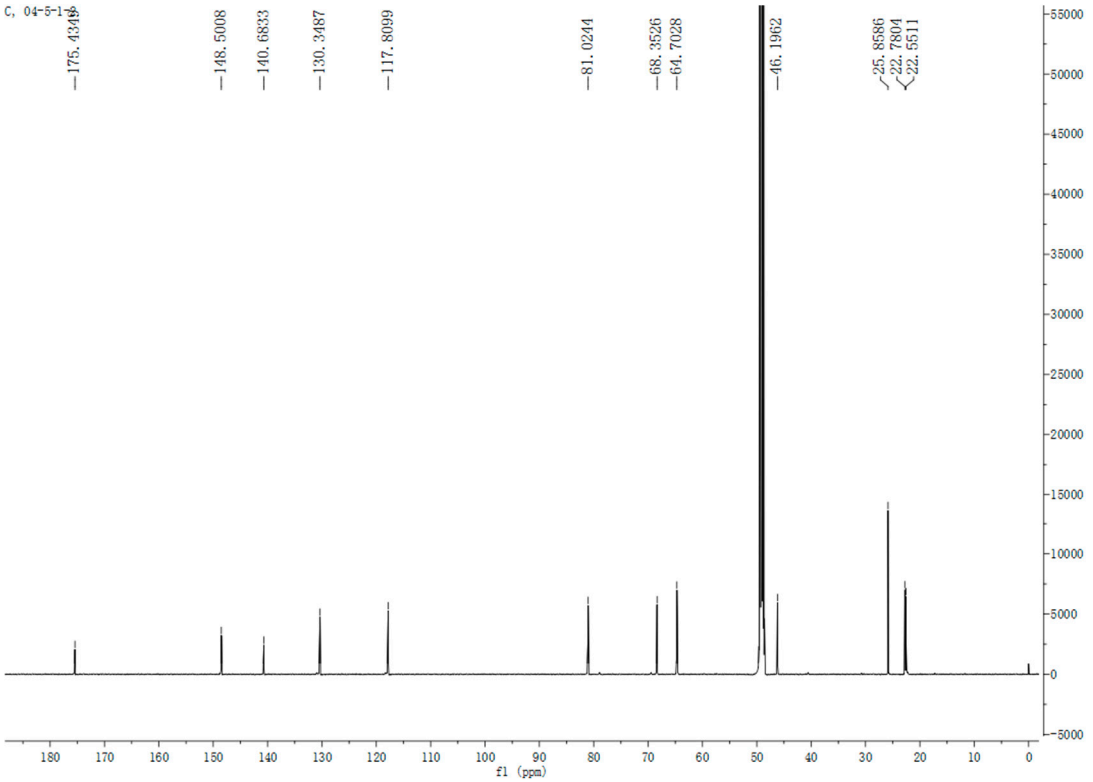


**Figure S3.** $^{13}$C NMR spectrum for **1** in methanol-$d_4$ (150 MHz)

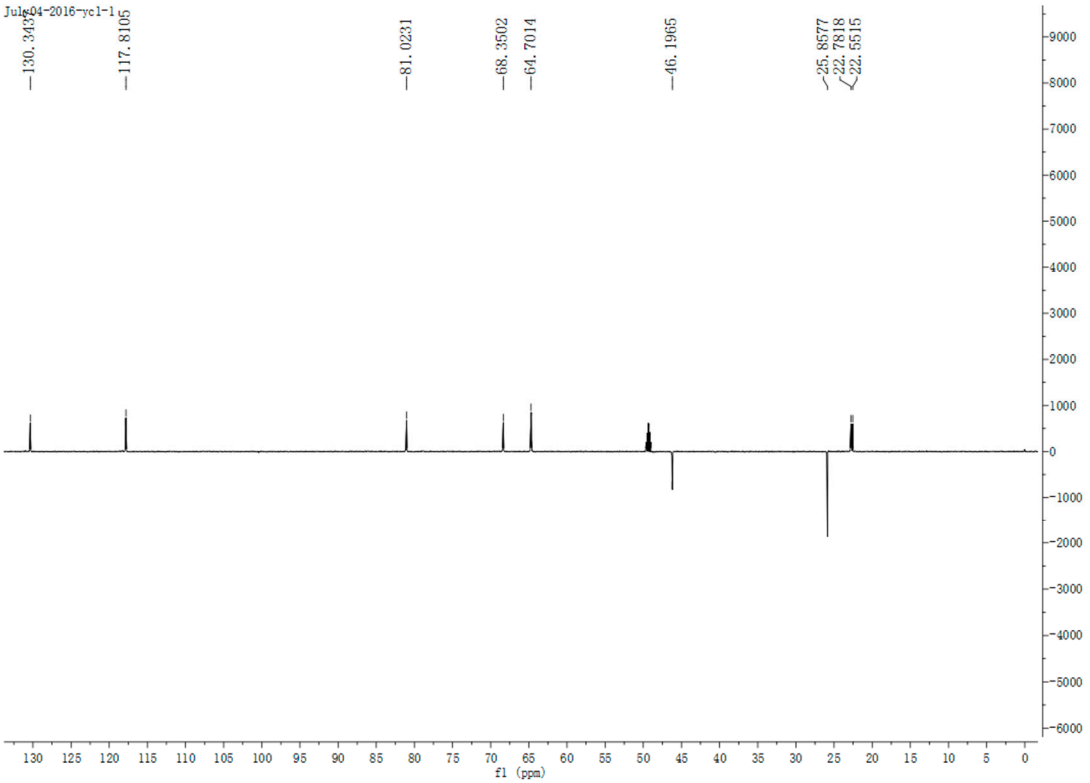


**Figure S4.** DEPT spectrum for **1** in methanol-$d_4$ (150 MHz)

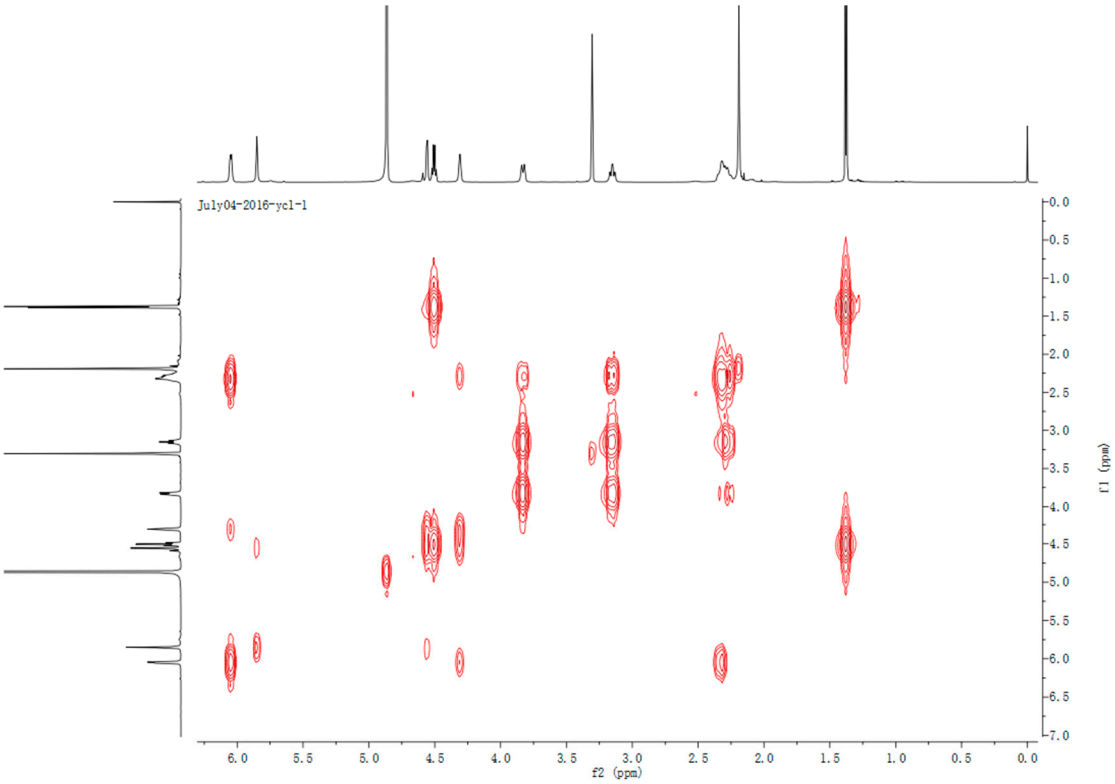


**Figure S5.** COSY spectrum for **1** in methanol-$d_4$ (600 MHz)

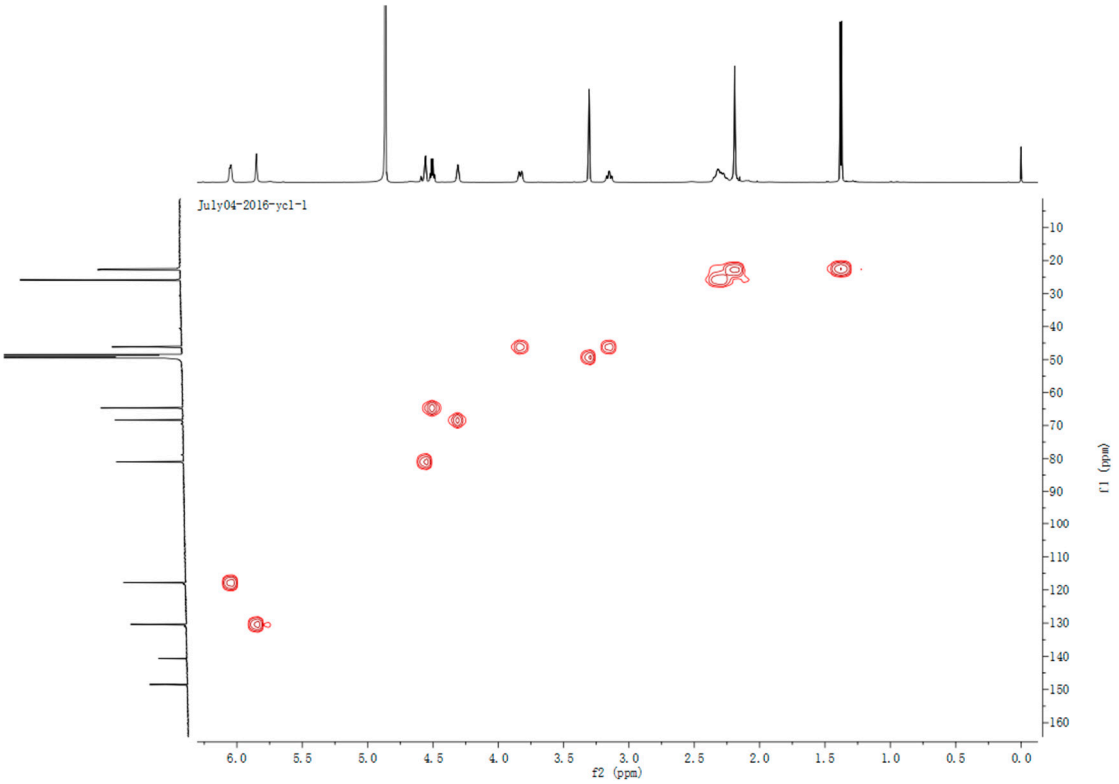


**Figure S6.** HSQC spectrum for **1** in methanol-$d_4$ (600 MHz)

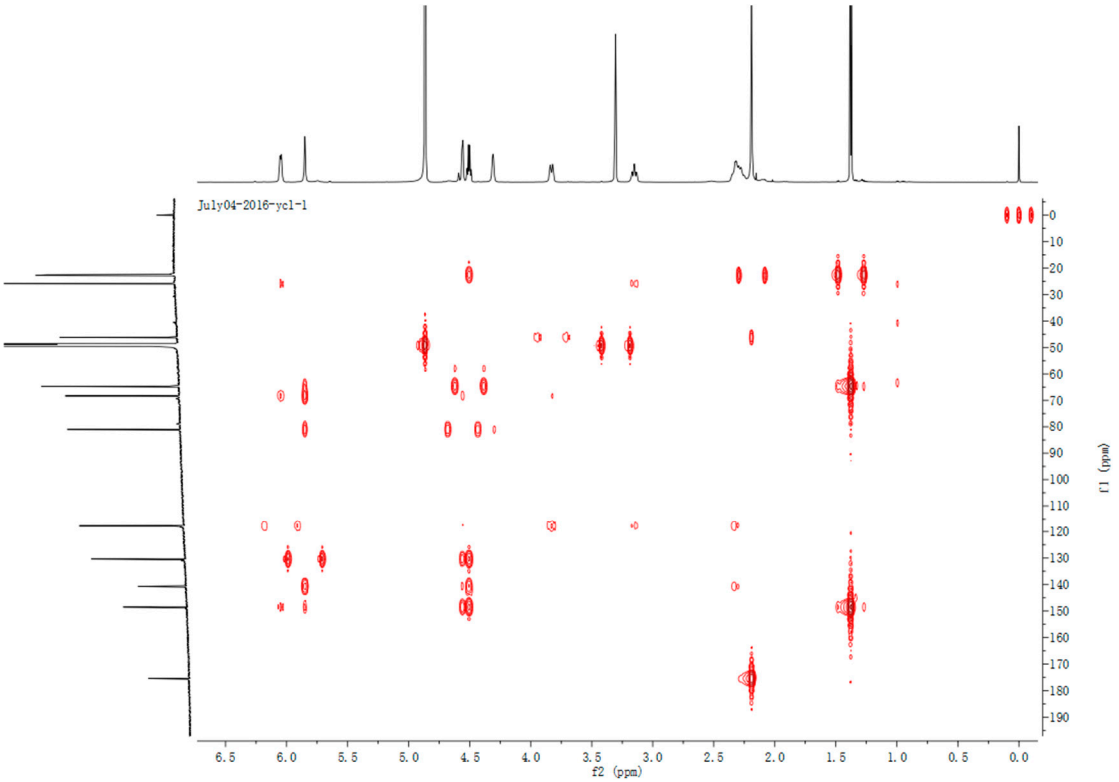


**Figure S7.** HMBC spectrum for **1** in methanol-$d_4$ (600 MHz)

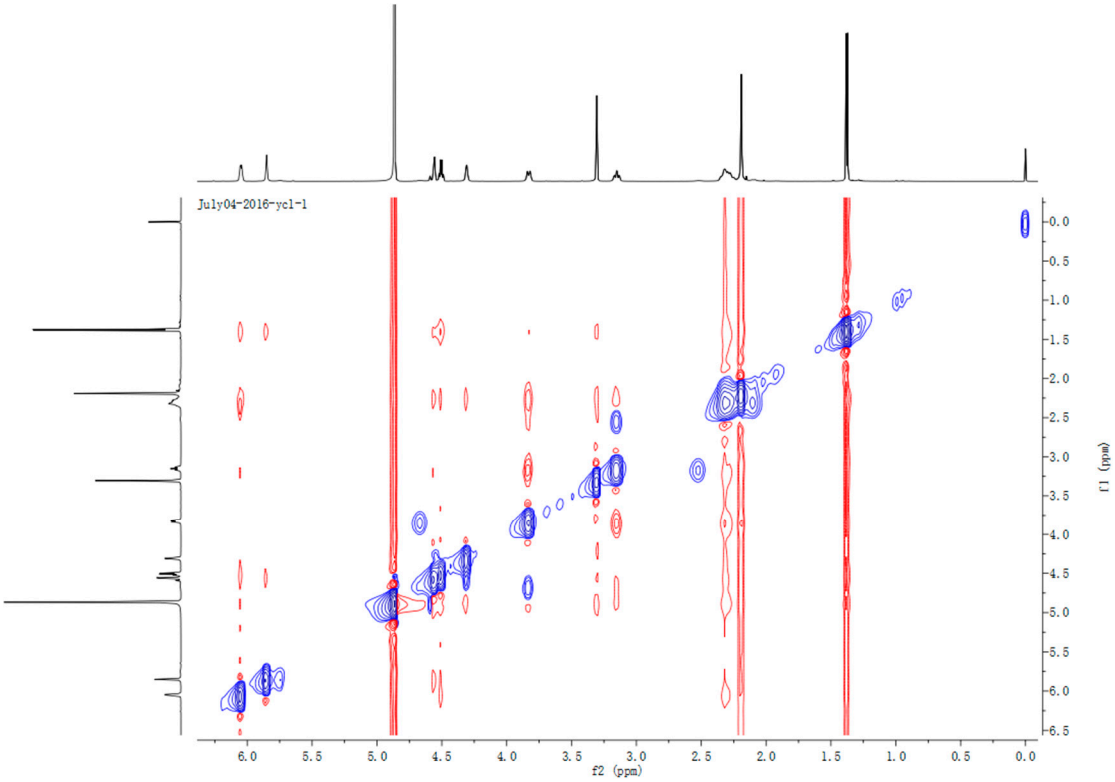


**Figure S8.** NOESY spectrum for **1** in methanol-$d_4$ (600 MHz)

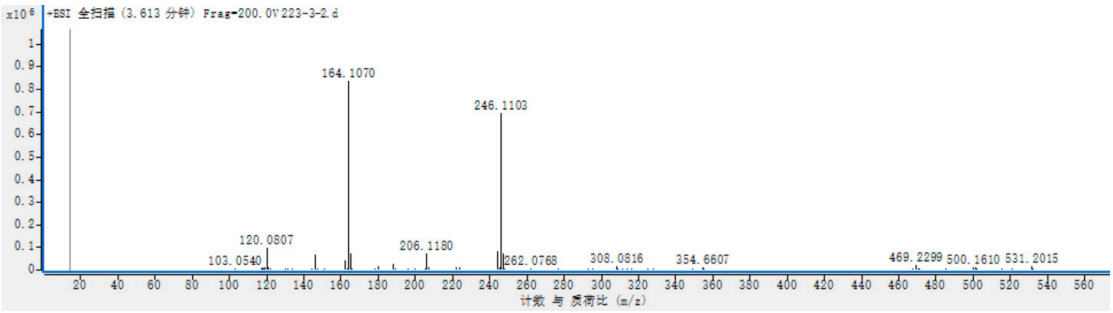


**Figure S9.** HRESIMS of compound **2**

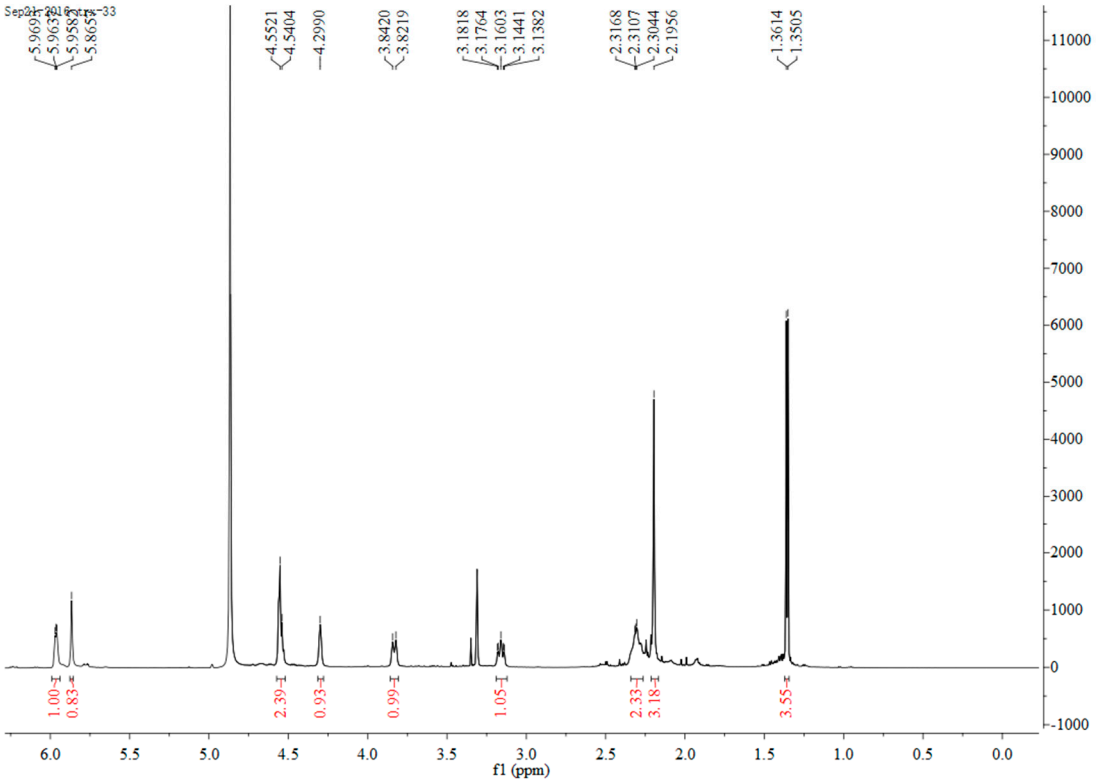


**Figure S10.** [1]H NMR spectrum for **2** in methanol-$d_4$ (600 MHz)

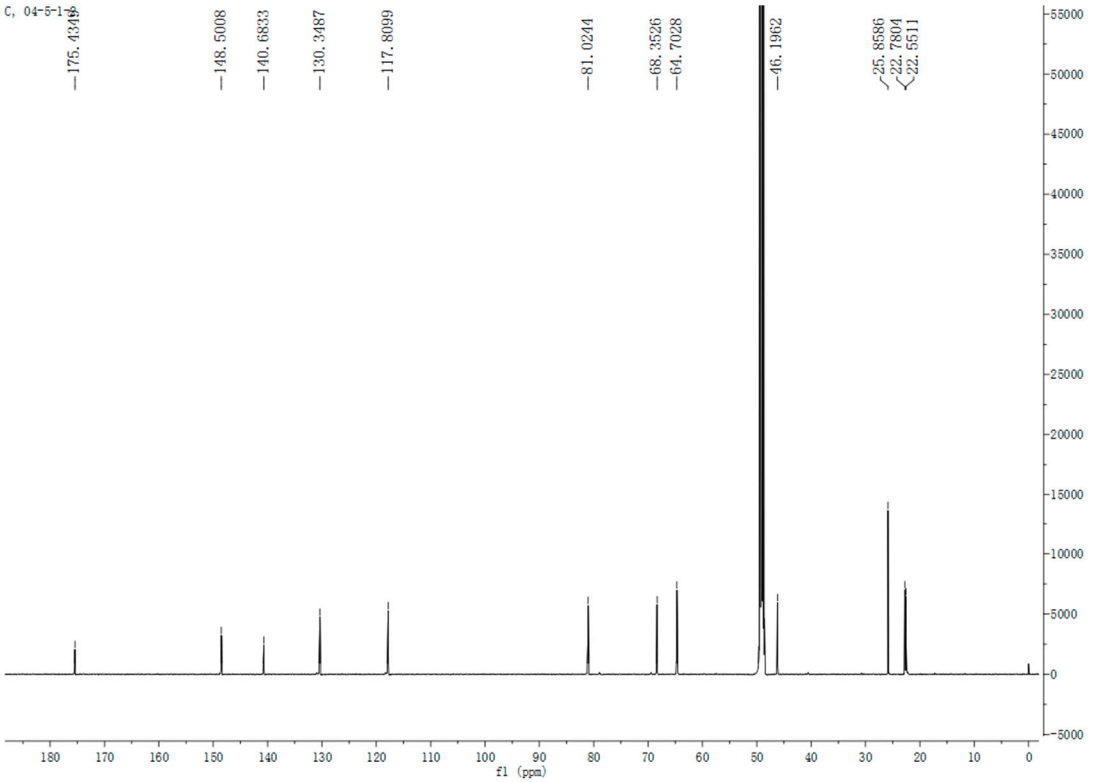


**Figure S11.** [13]C NMR spectrum for **2** in methanol-$d_4$ (150 MHz)

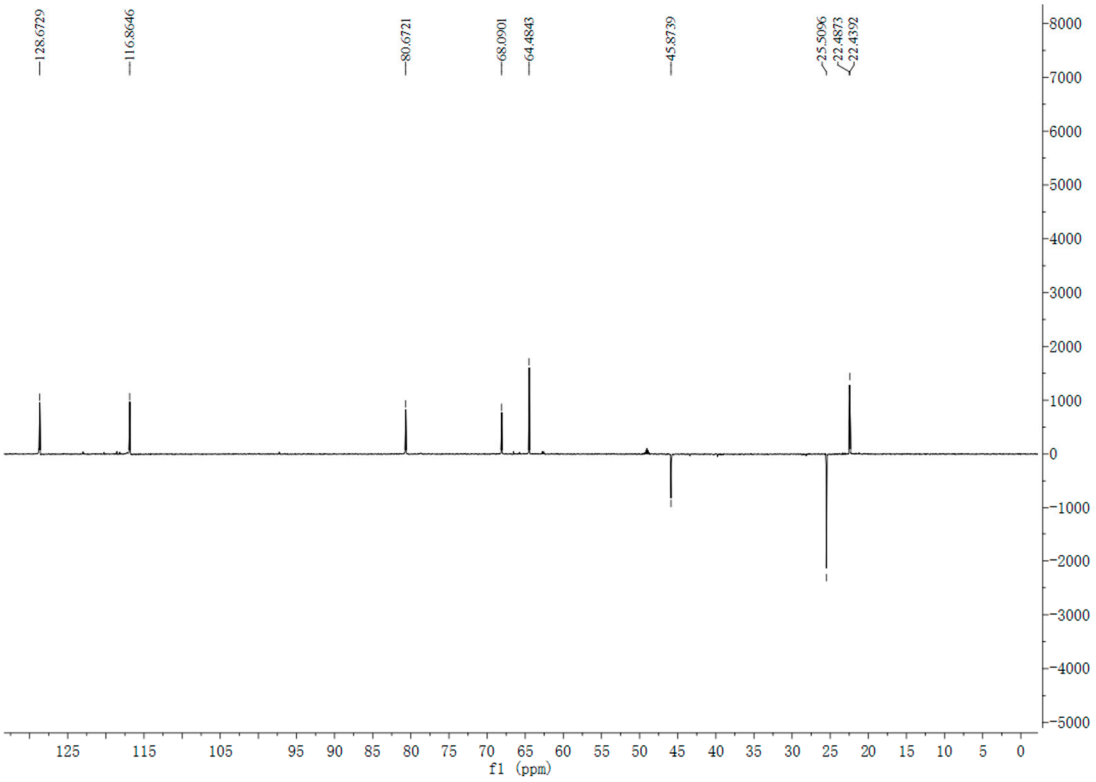


**Figure S12.** DEPT spectrum for **2** in methanol-$d_4$ (150 MHz)

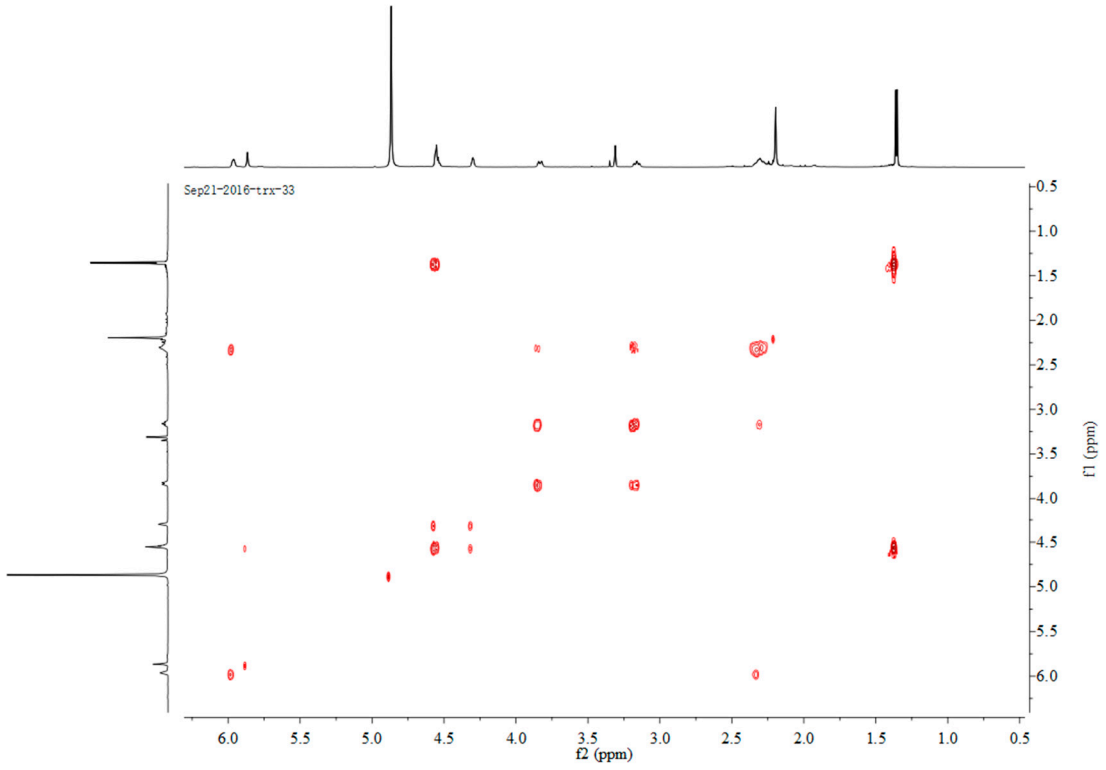

**Figure S13.** COSY spectrum for **2** in methanol-$d_4$ (600 MHz)

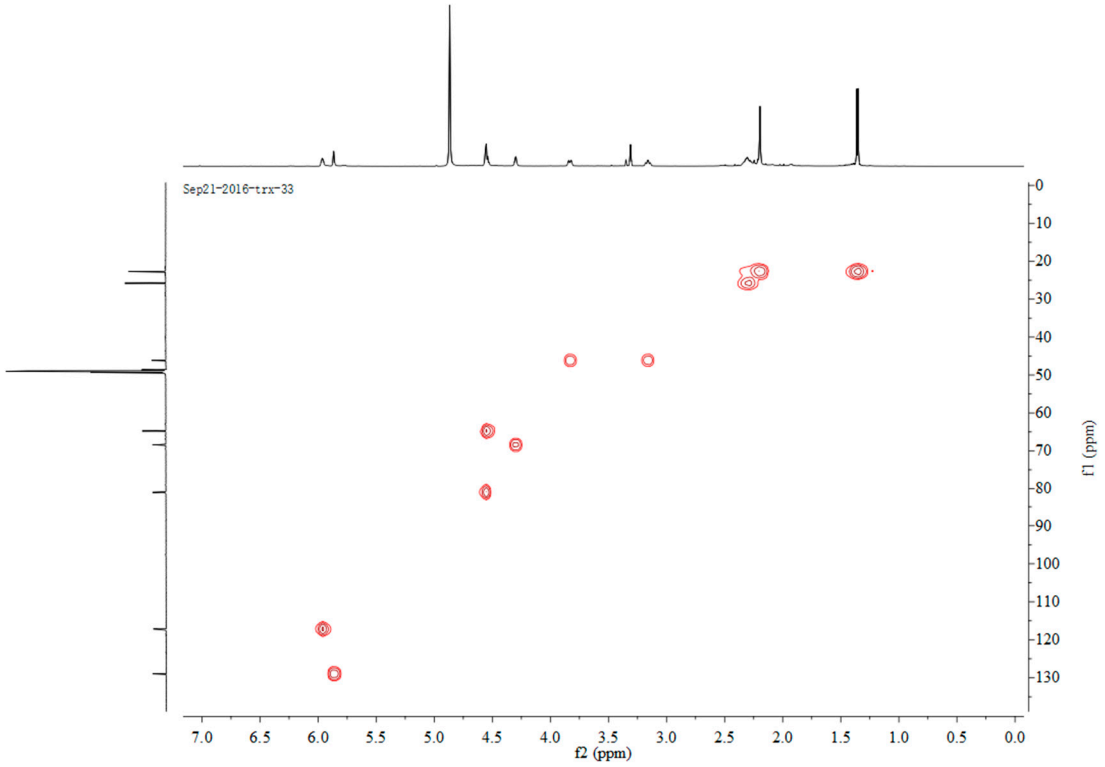


**Figure S14.** HSQC spectrum for **2** in methanol-$d_4$ (600 MHz)

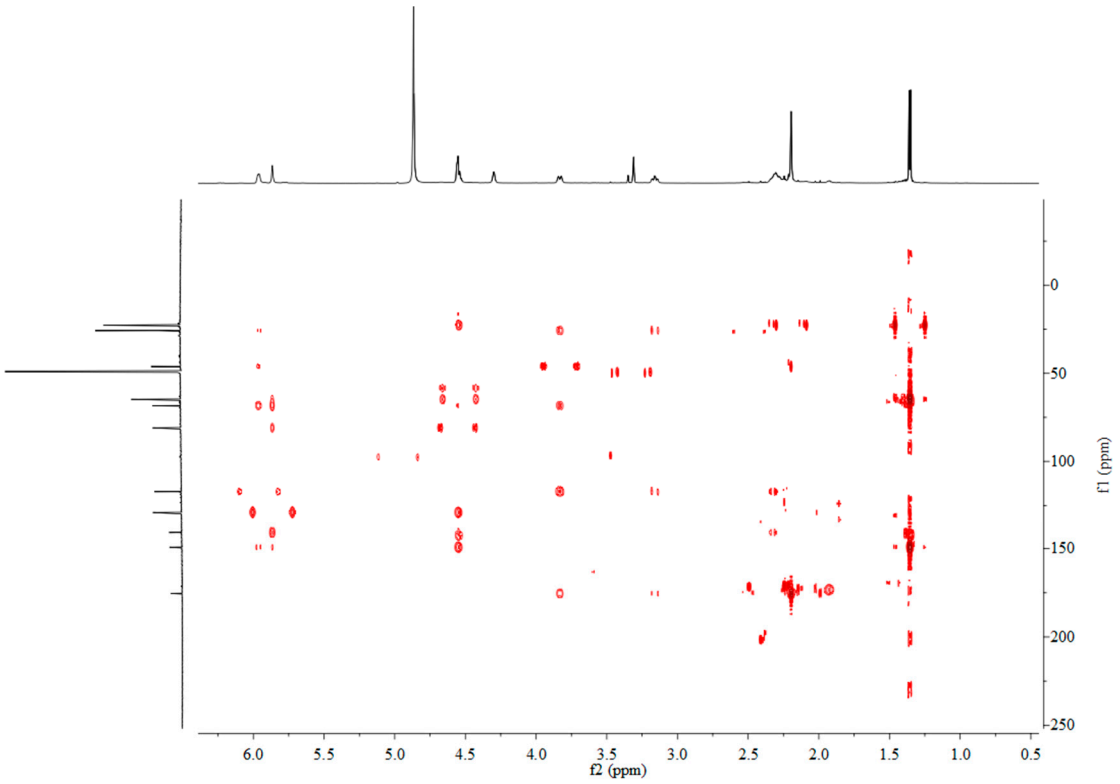

**Figure S15.** HMBC spectrum for **2** in methanol-$d_4$ (600 MHz)

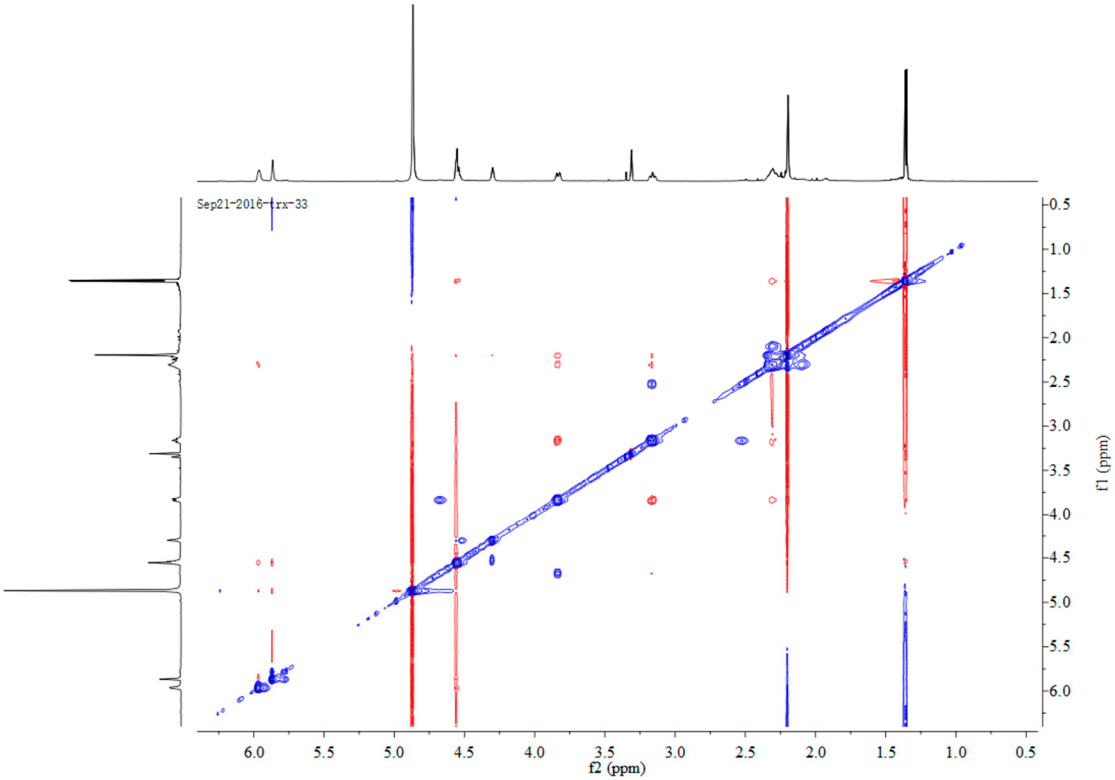


**Figure S16.** NOESY spectrum for **2** in methanol-$d_4$ (600 MHz)

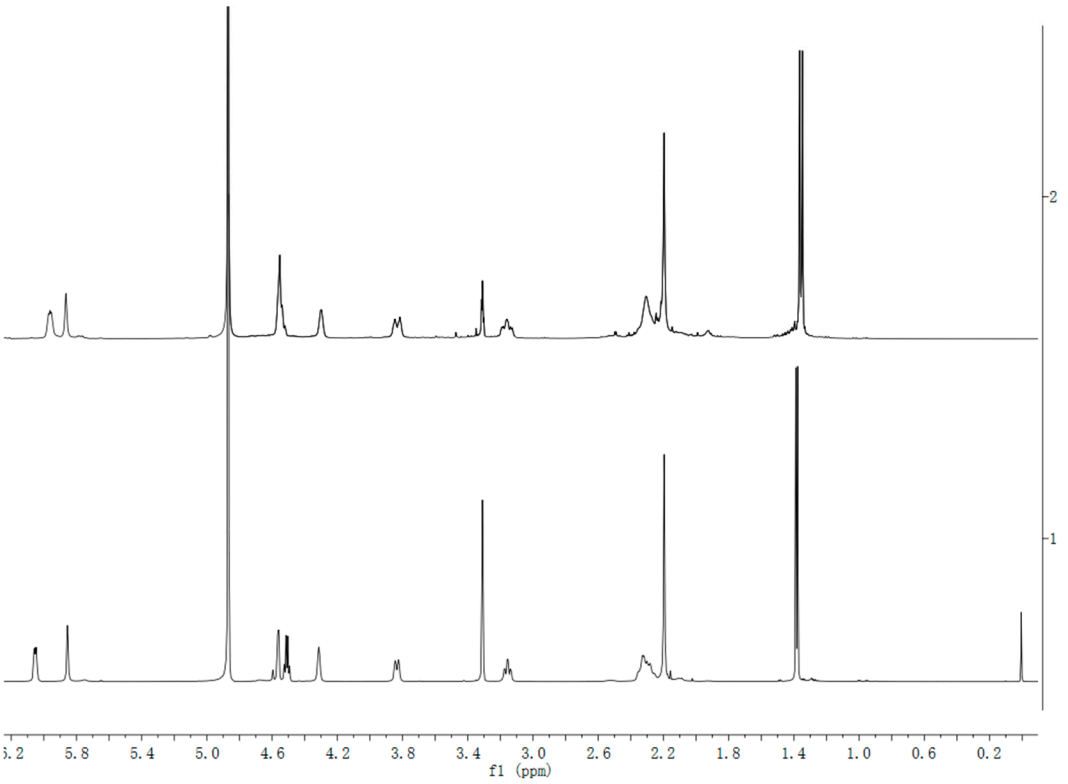

**Figure S17.** Comparison of the $^{1}H$ NMR spectra of compounds **1** and **2**

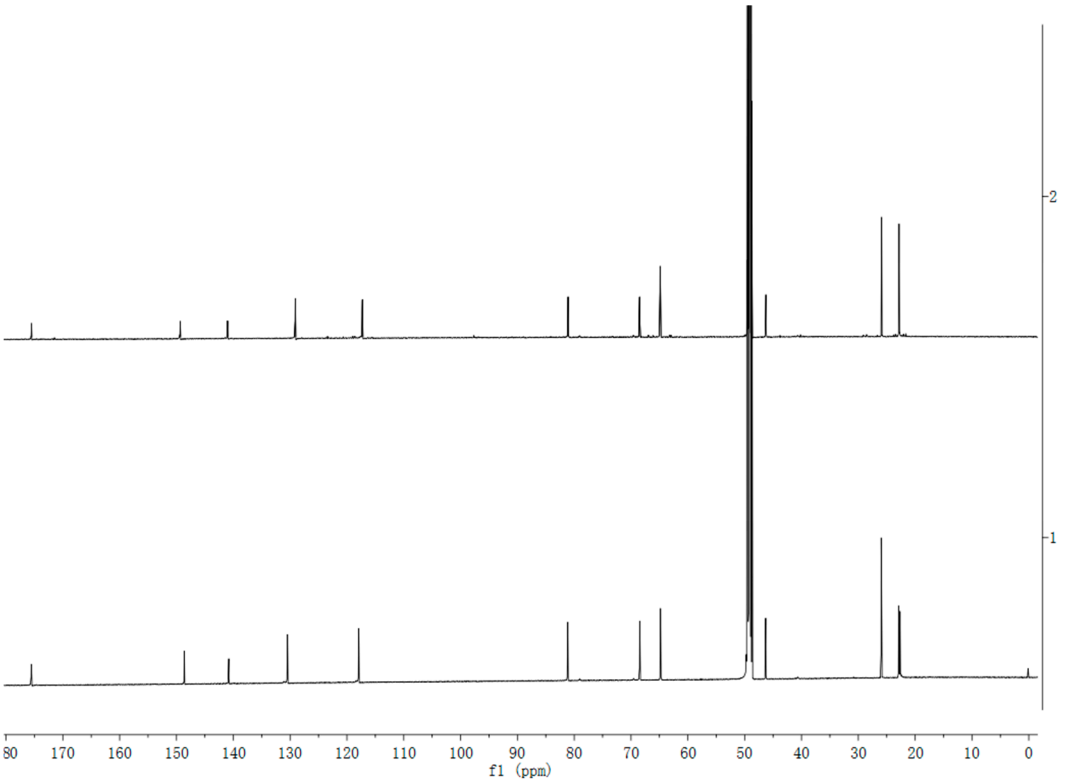


**Figure S18.** Comparison of the $^{13}C$ NMR spectra of compounds **1** and **2**