

## **Supplementary Material**

### **Rhytidhylide A and B, Two New Phthalide Derivatives from the Endophytic Fungus *Rhytidhysteron* sp. BZM-9**

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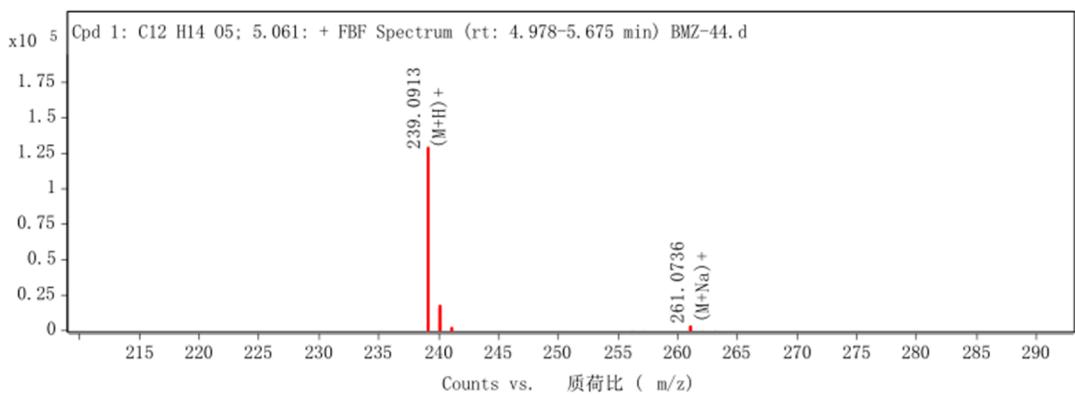
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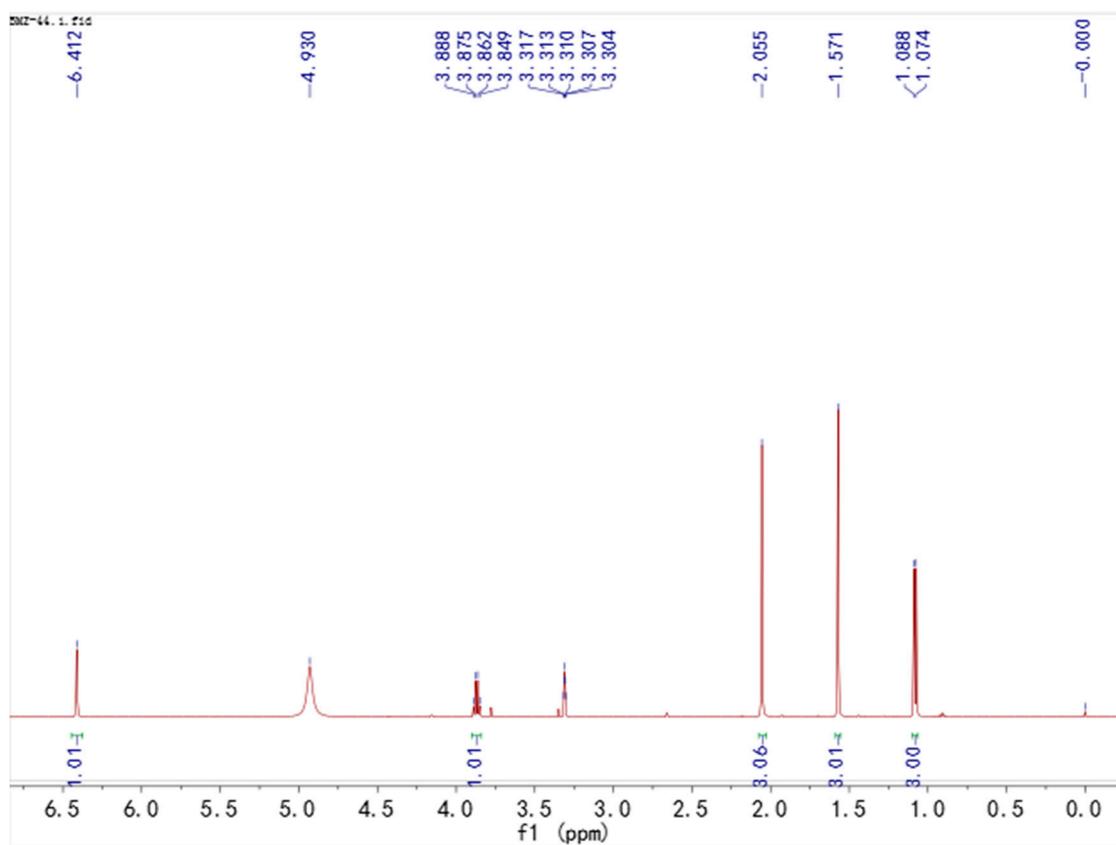
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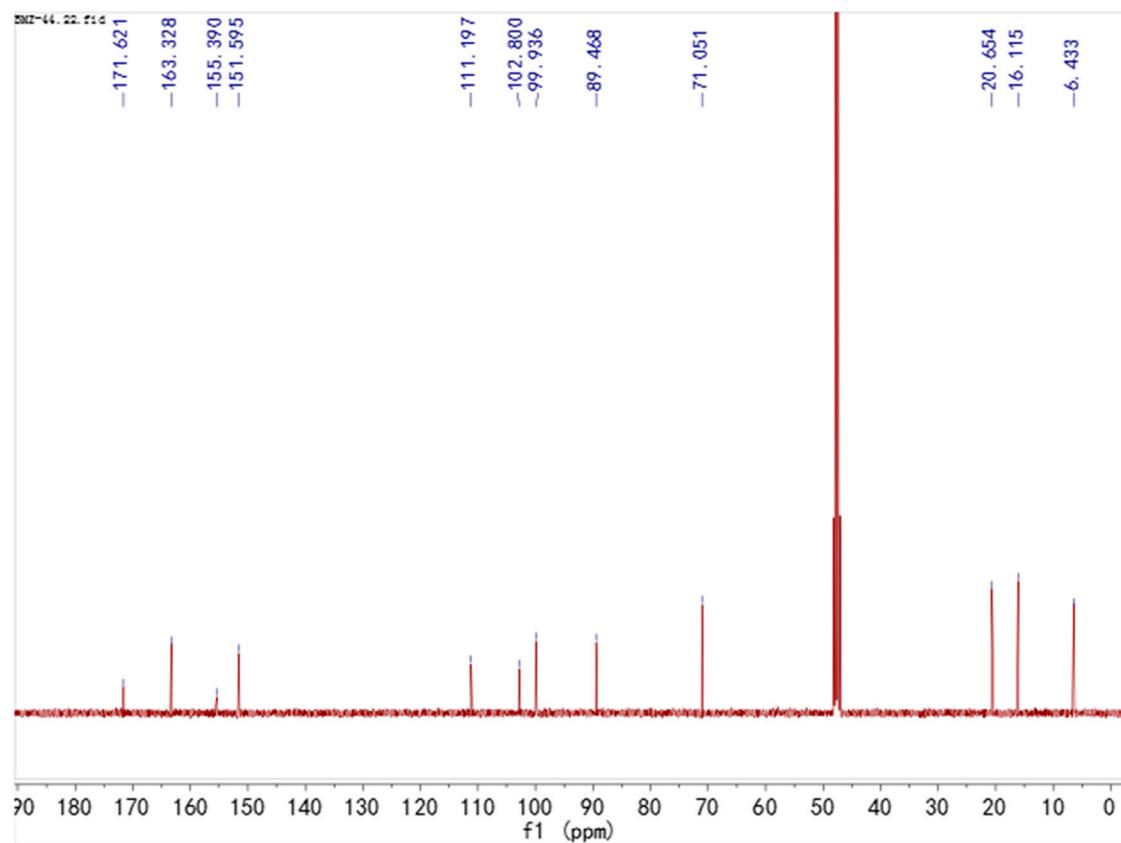
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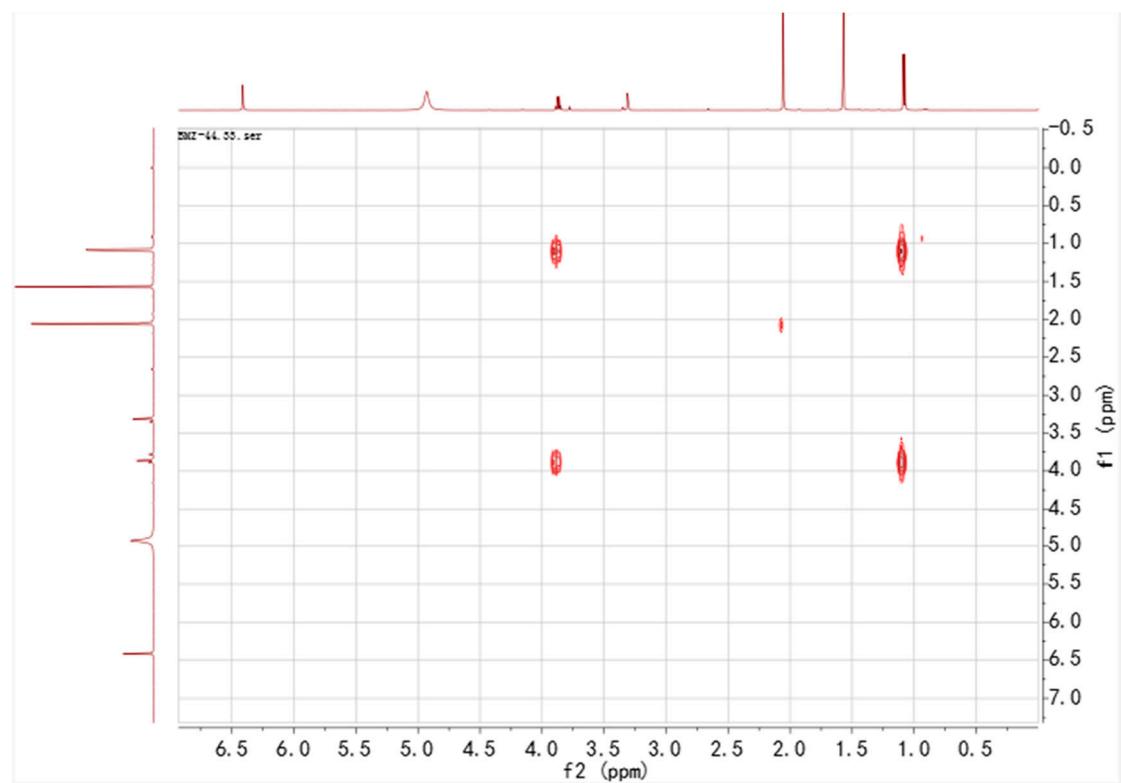
**Figure S1.** HRESIMS spectrum of compound 1.



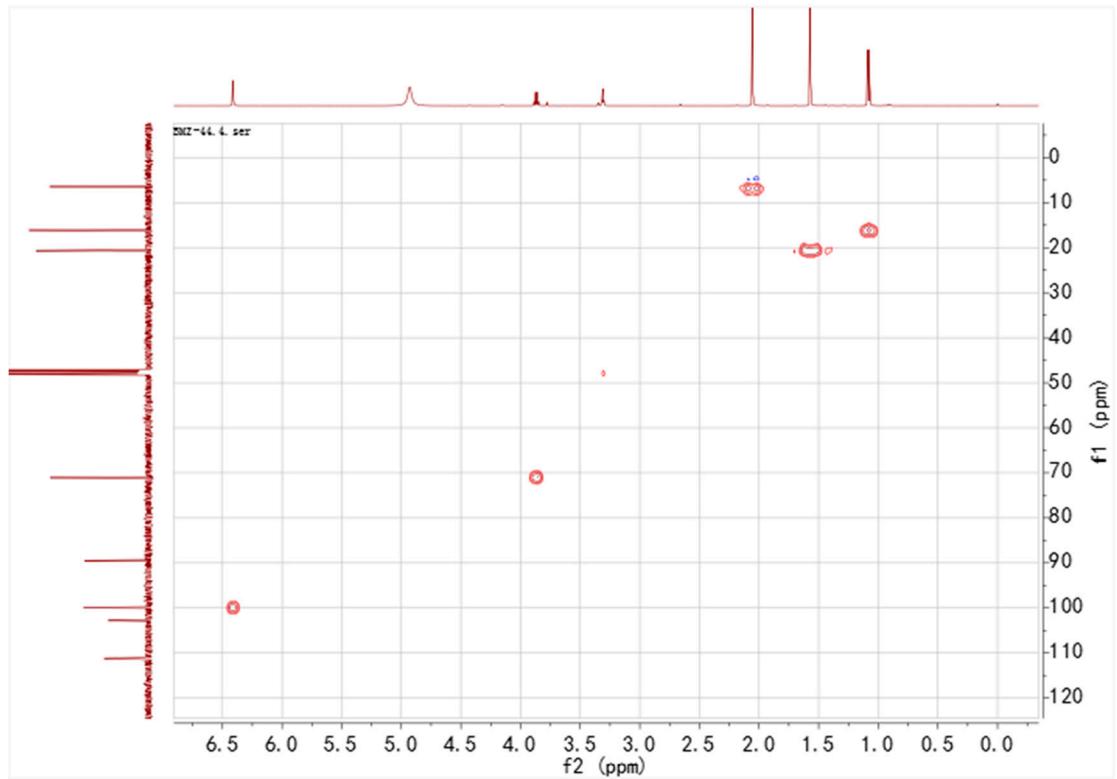
**Figure S2.**  $^1\text{H}$  NMR spectrum of compound 1.



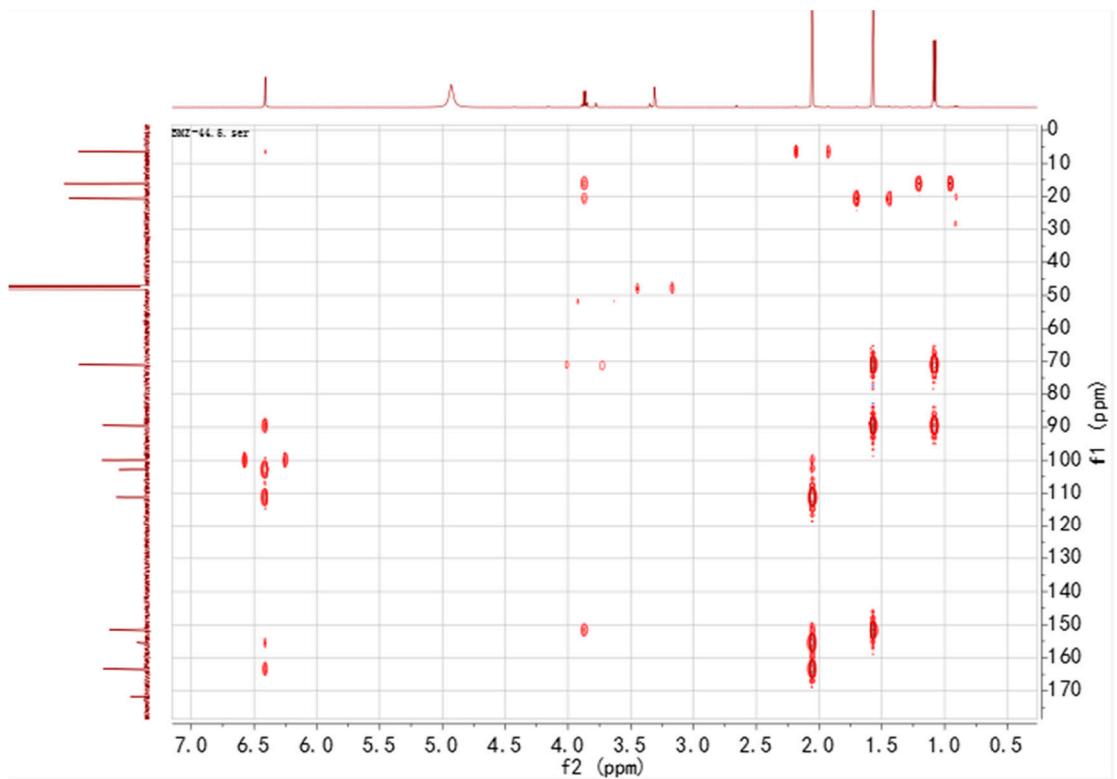
**Figure S3.**  $^{13}\text{C}$  NMR spectrum of compound **1**.



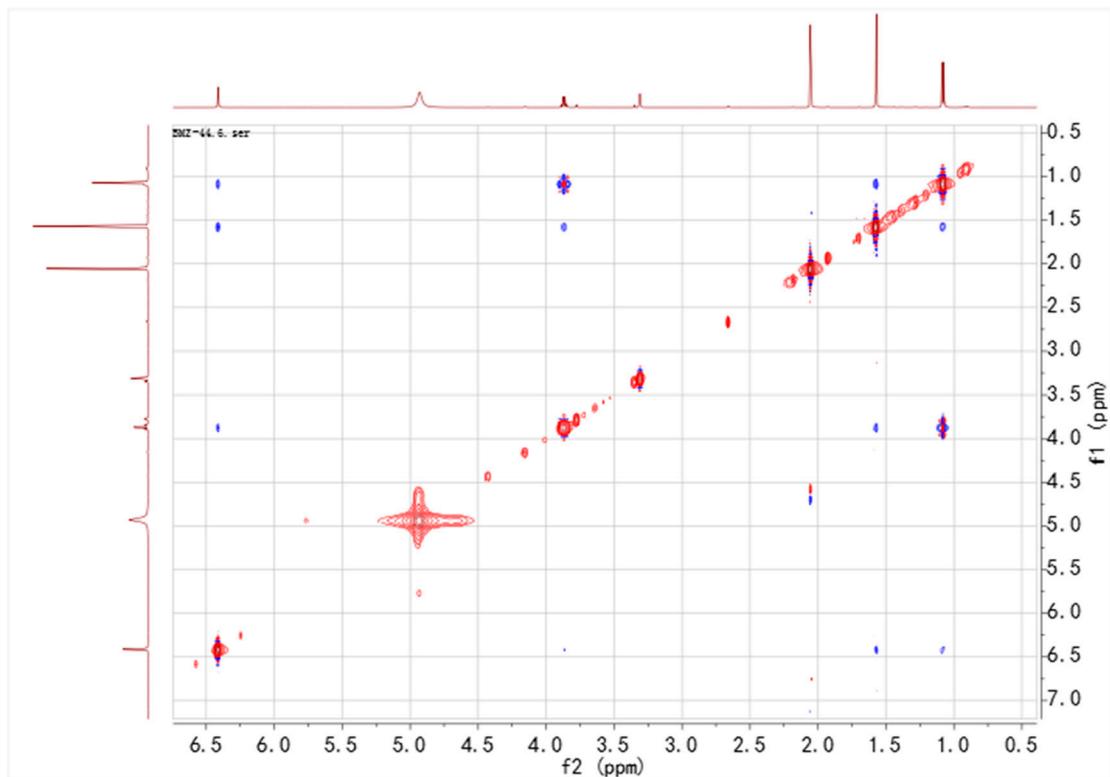
**Figure S4.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of compound **1**.



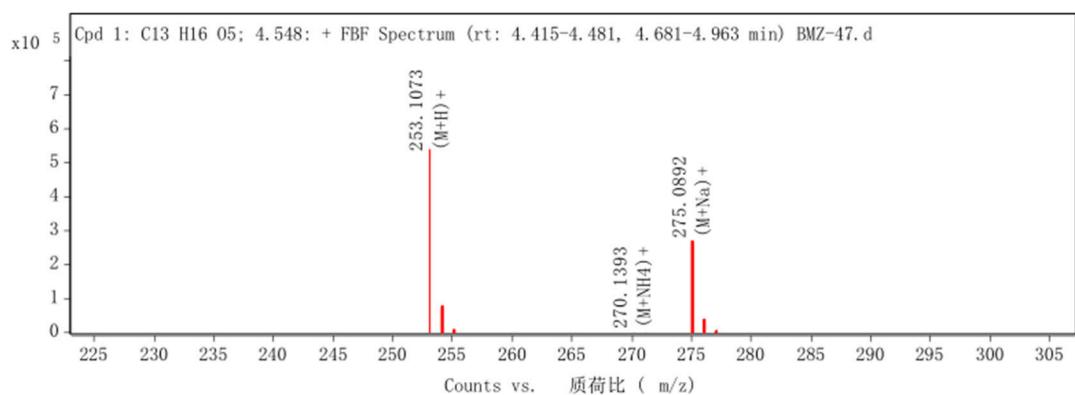
**Figure S5.** HSQC spectrum of compound 1.



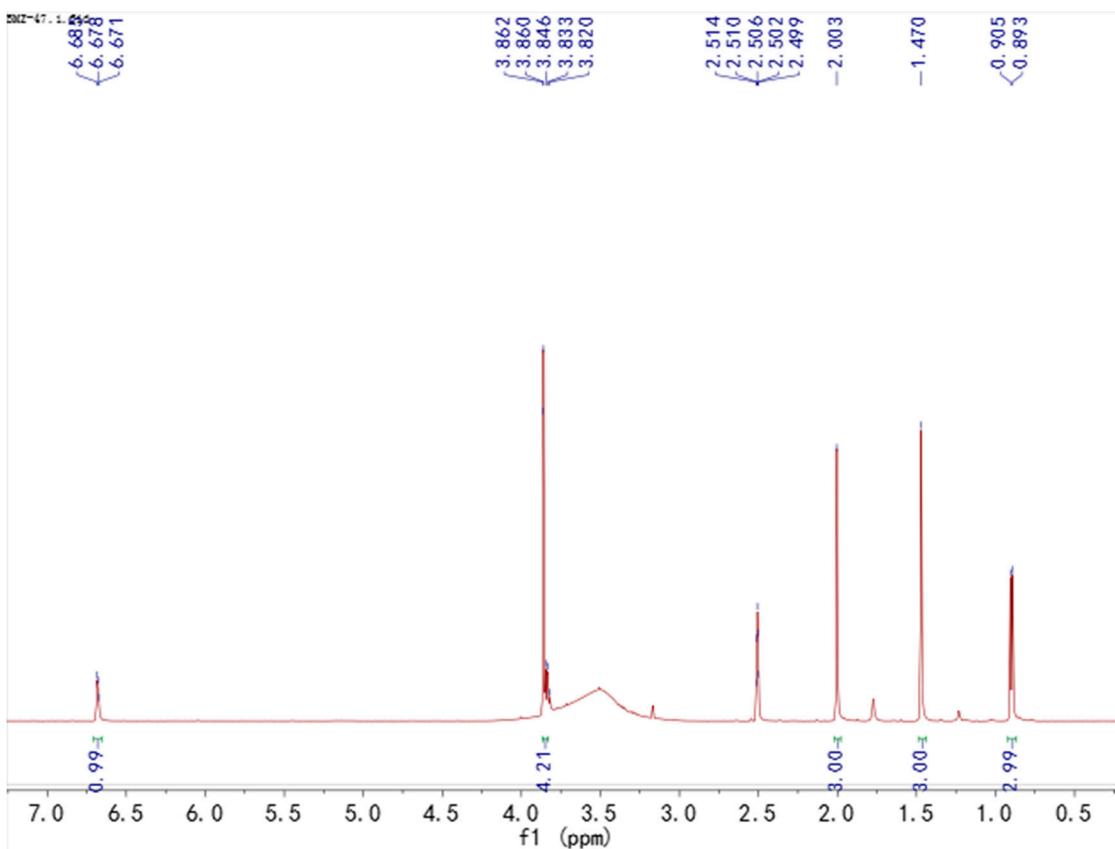
**Figure S6.** HMBC spectrum of compound 1.



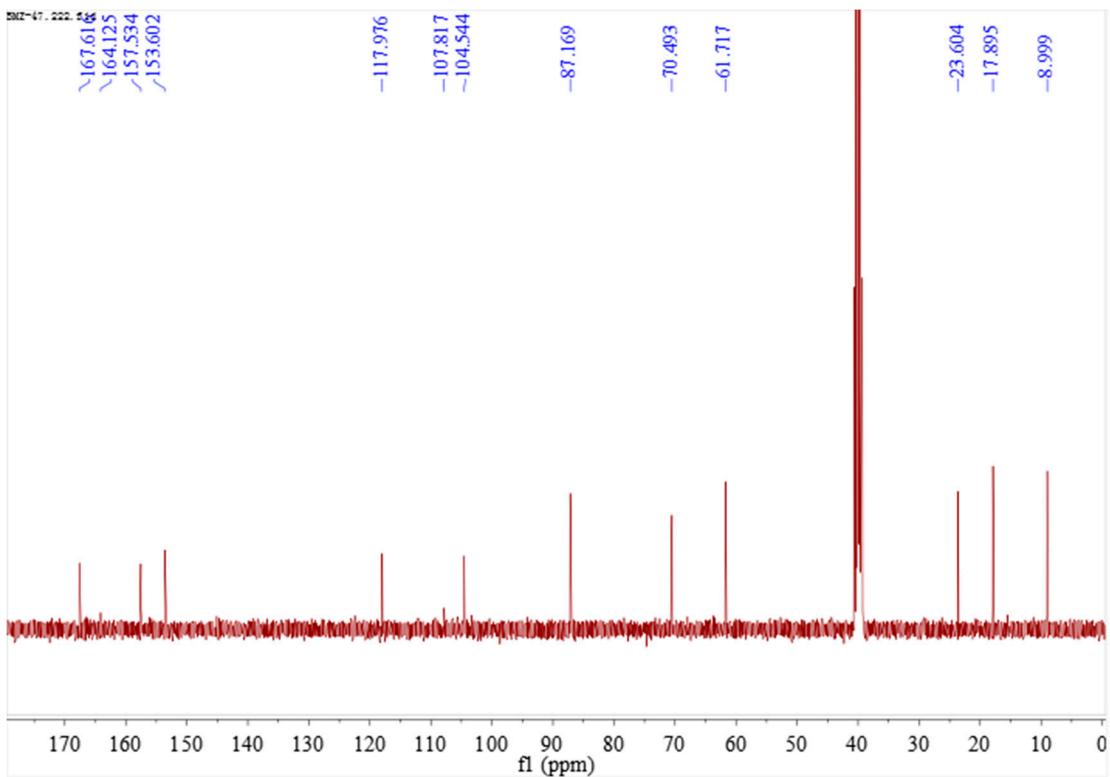
**Figure S7.** NOESY spectrum of compound 1.



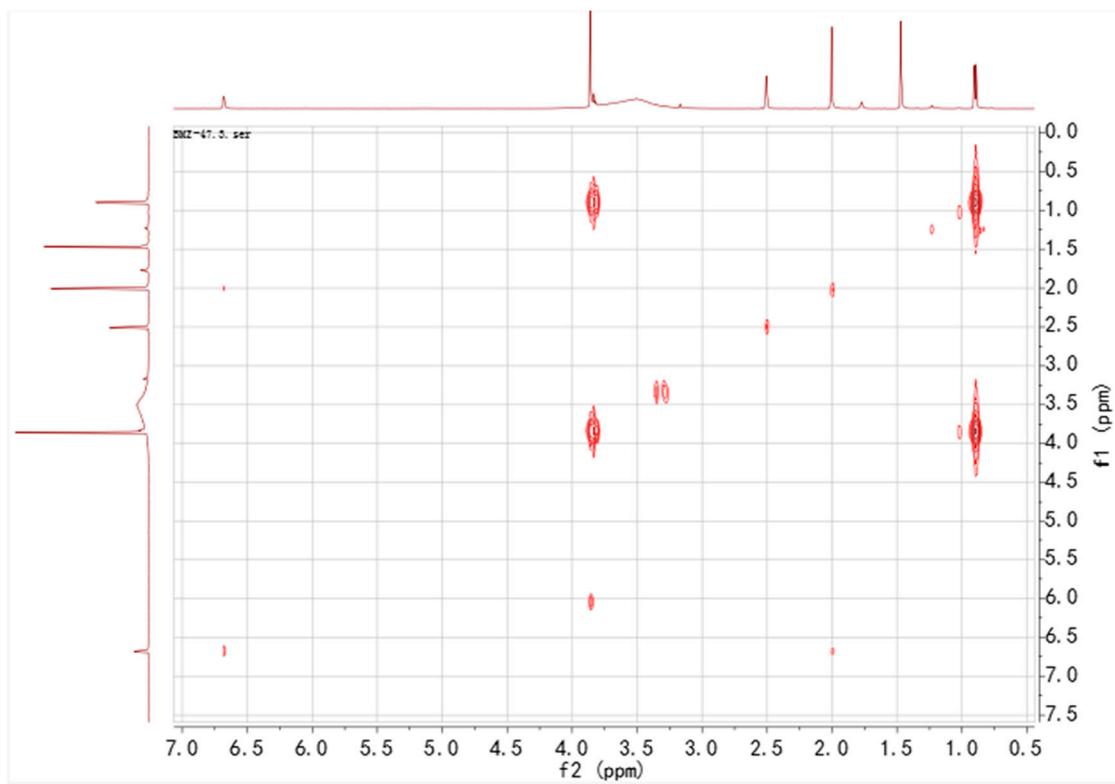
**Figure S8.** HRESIMS spectrum of compound 2.



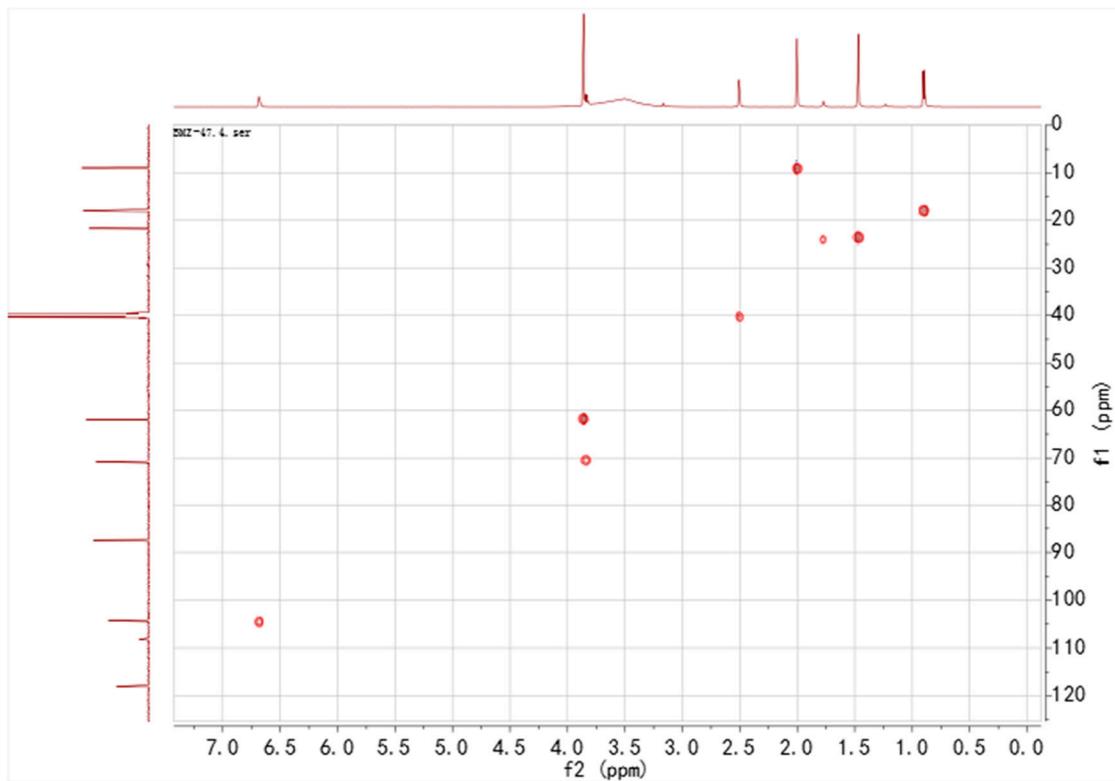
**Figure S9.** <sup>1</sup>H NMR spectrum of compound 2.



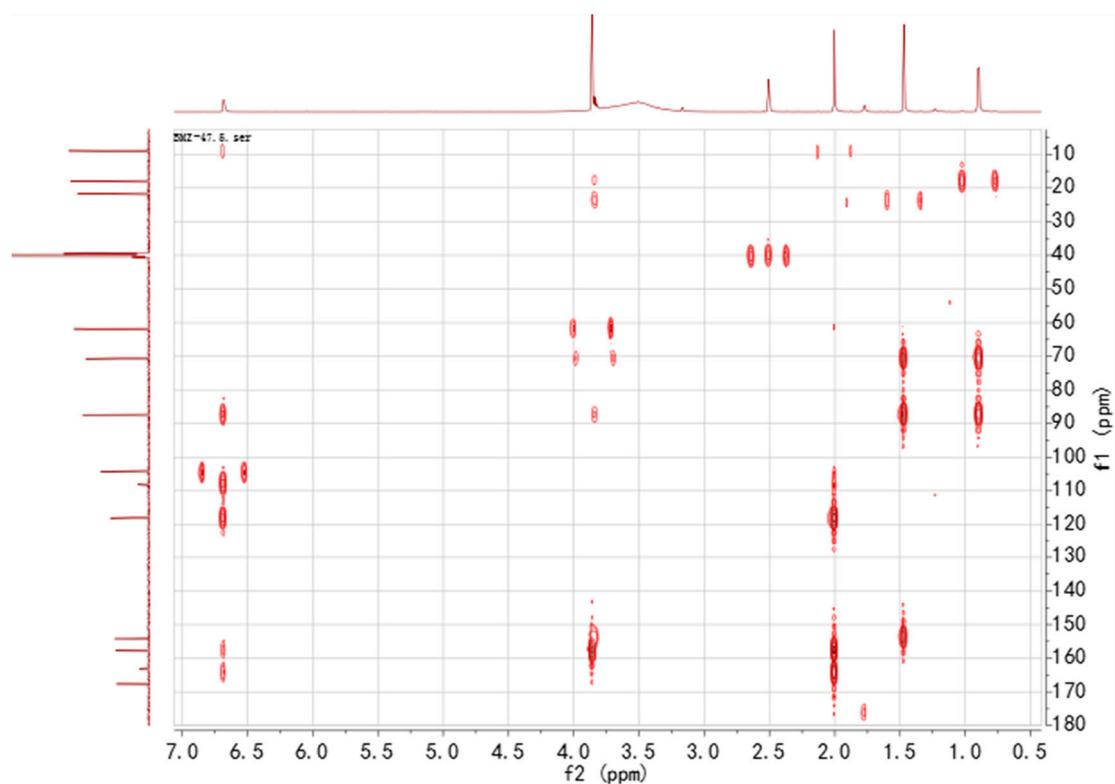
**Figure S10.** <sup>13</sup>C NMR spectrum of compound 2.



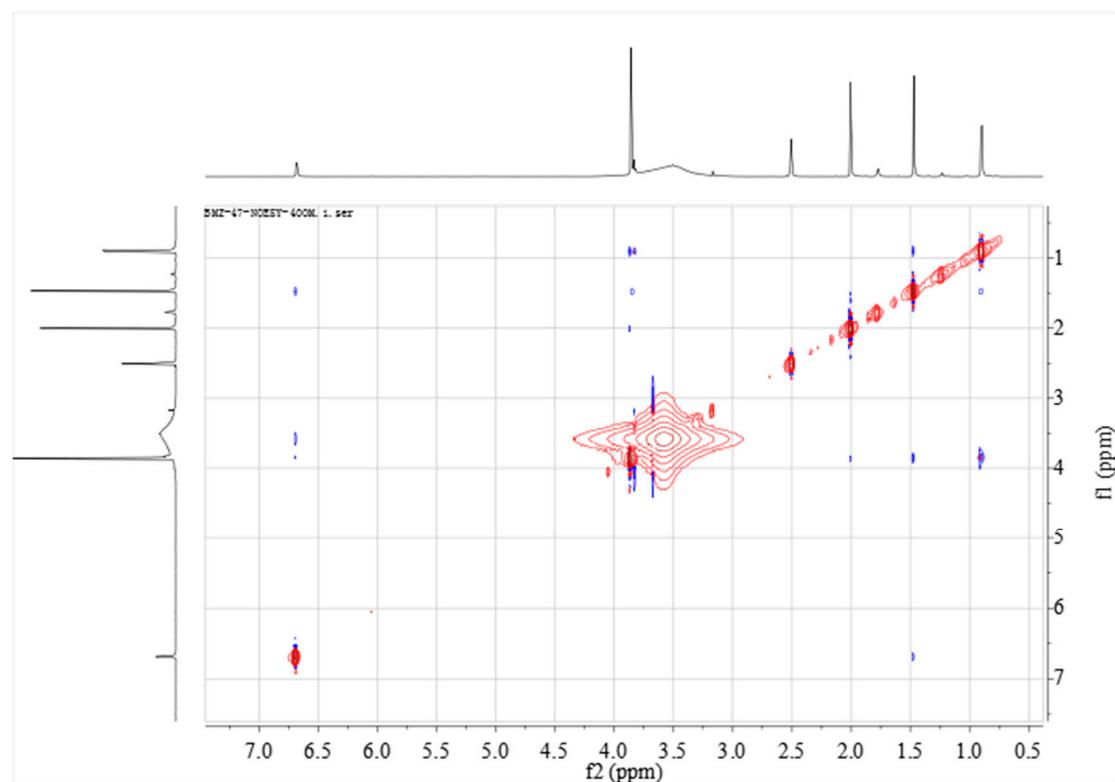
**Figure S11.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of compound **2**.



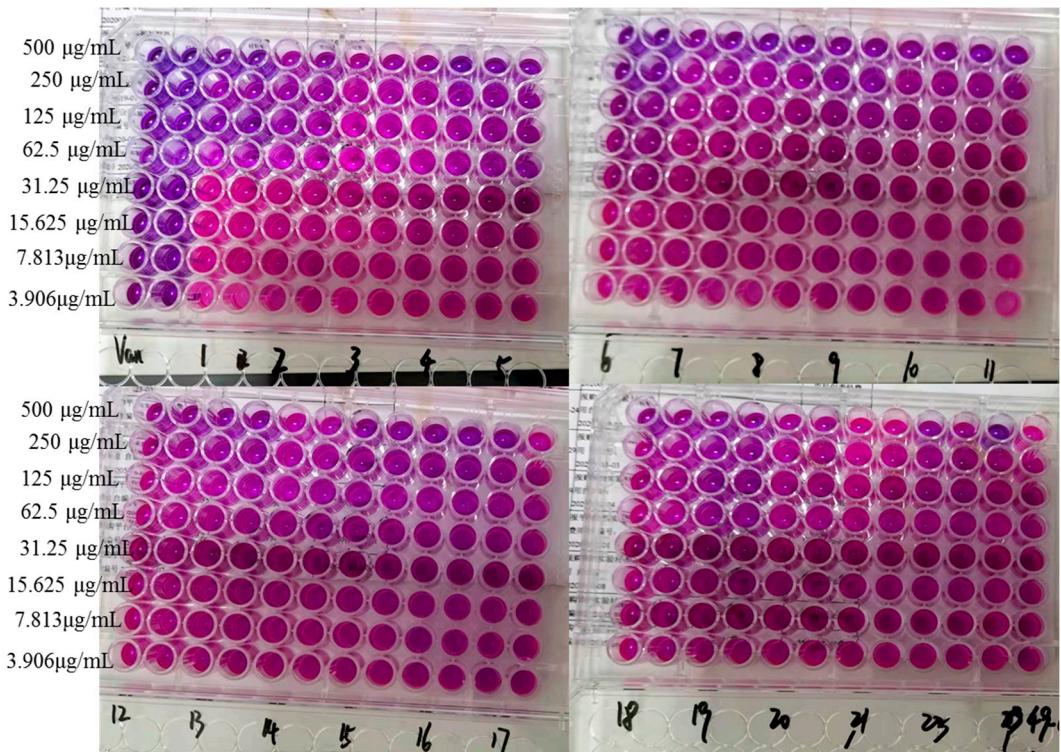
**Figure S12.** HSQC spectrum of compound **2**.



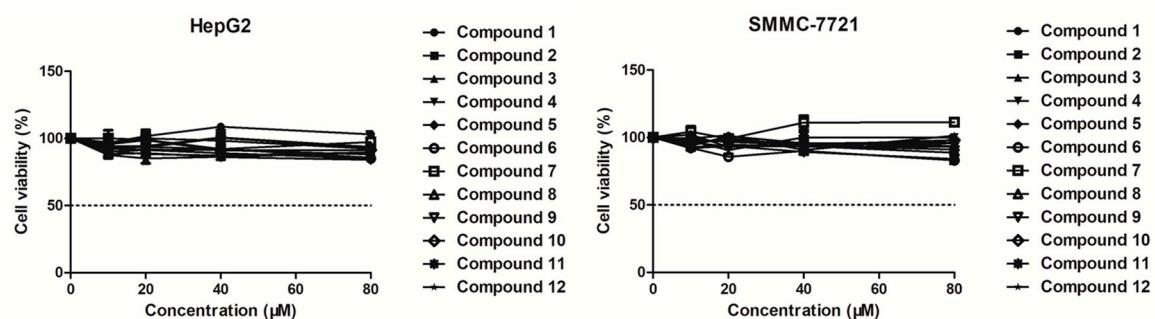
**Figure S13.** HMBC spectrum of compound 2.



**Figure S14.** NOESY spectrum of compound 2.



**Figure S15.** Antimicrobial activity assay results. (Numbers 10-19 in the figure are compounds 3-12, numbers 20-21 are compounds 1-2, and “van” is positive control vancomycin)



**Figure S16.** Dose-response curves for human hepatoma cell lines (HepG2 and SMMC7721).