

## New bisnorsesquiterpene from *Glottiphyllum linguiforme* and its antimicrobial, cytotoxic, and antioxidant activities

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doi: <https://doi.org/10.7324/JAPS.2024.173477>

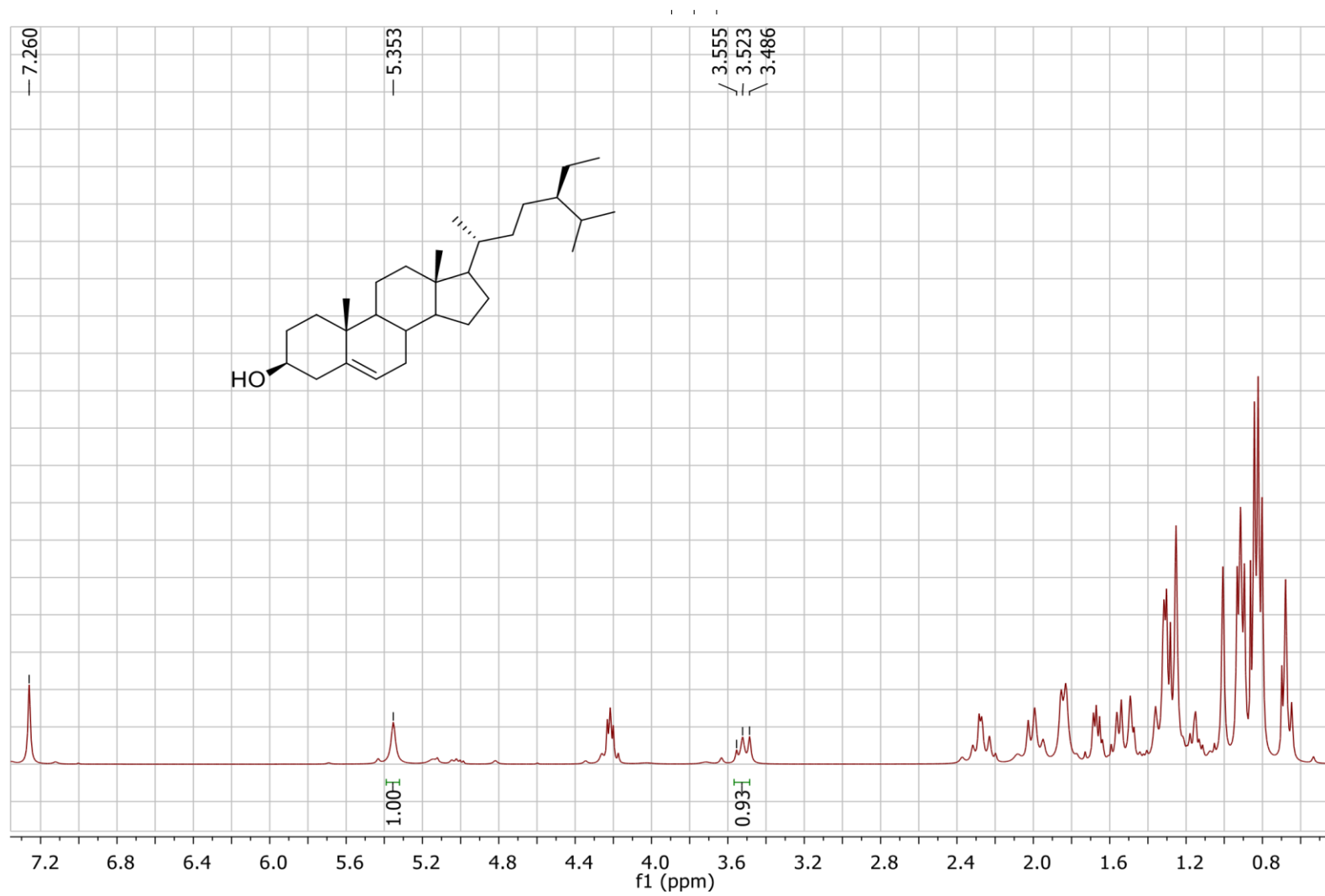
## Supplementary Materials

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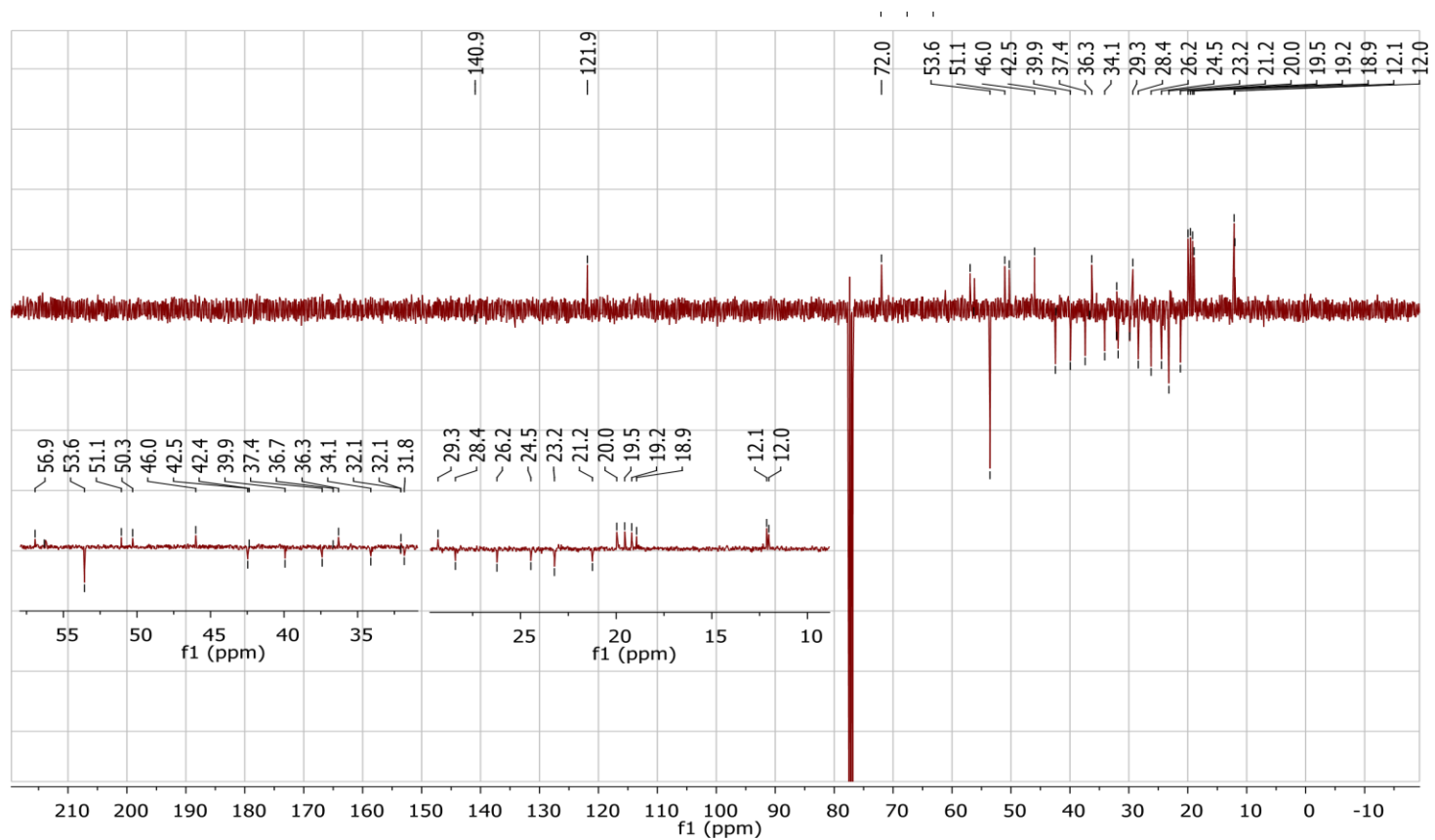
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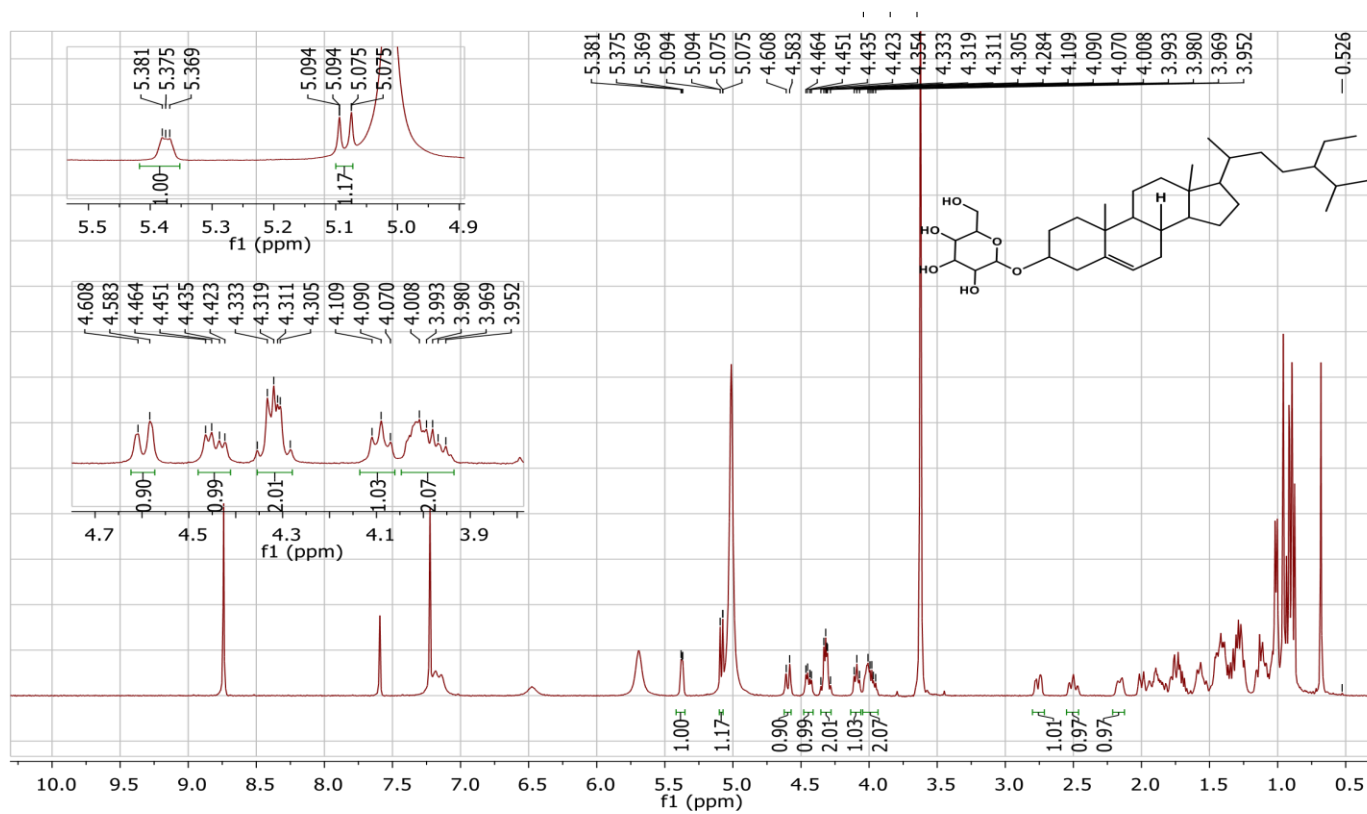
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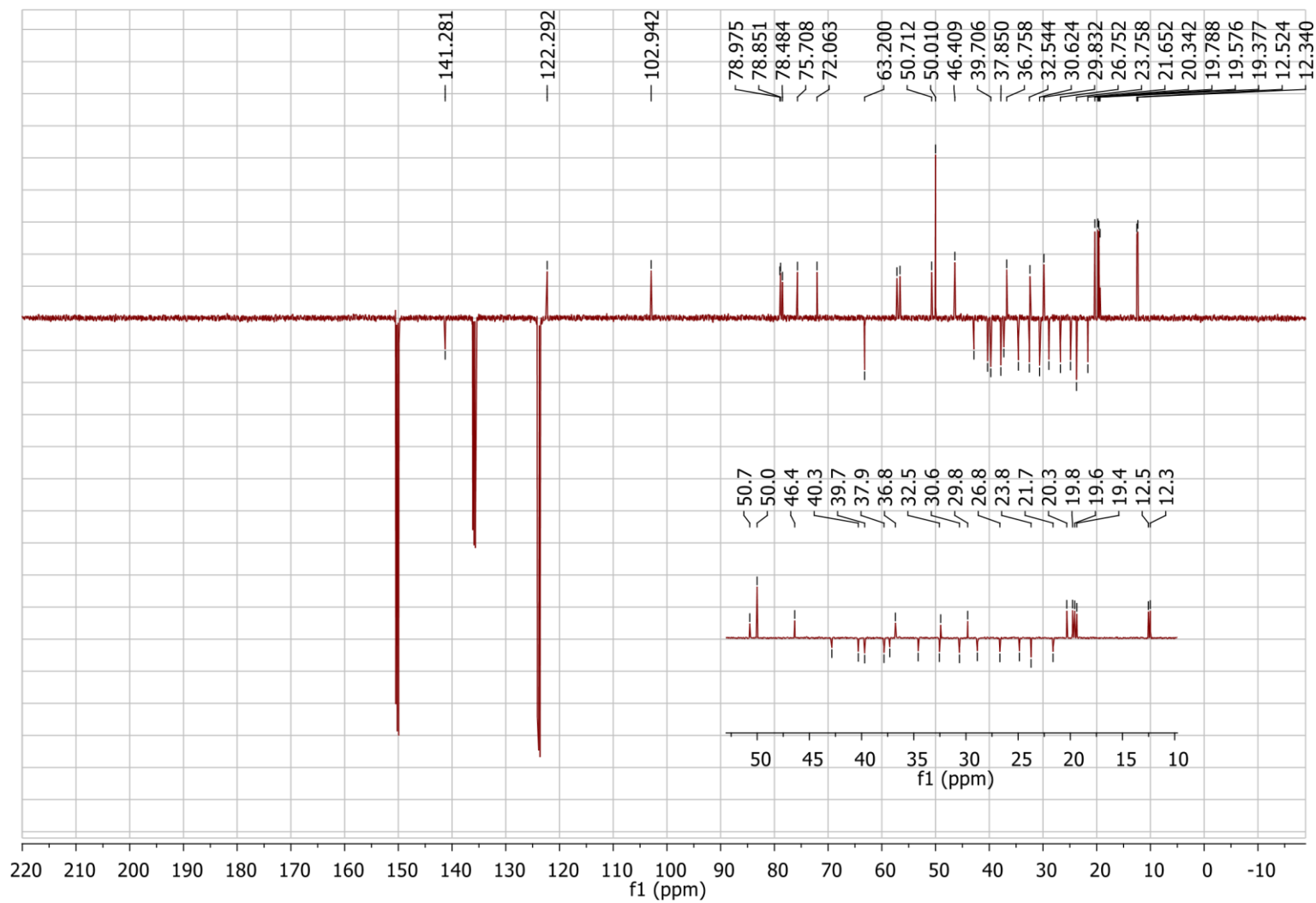
**Figure S1:** <sup>1</sup>H NMR spectrum of compound **1** (400 MHz, CDCl<sub>3</sub>)



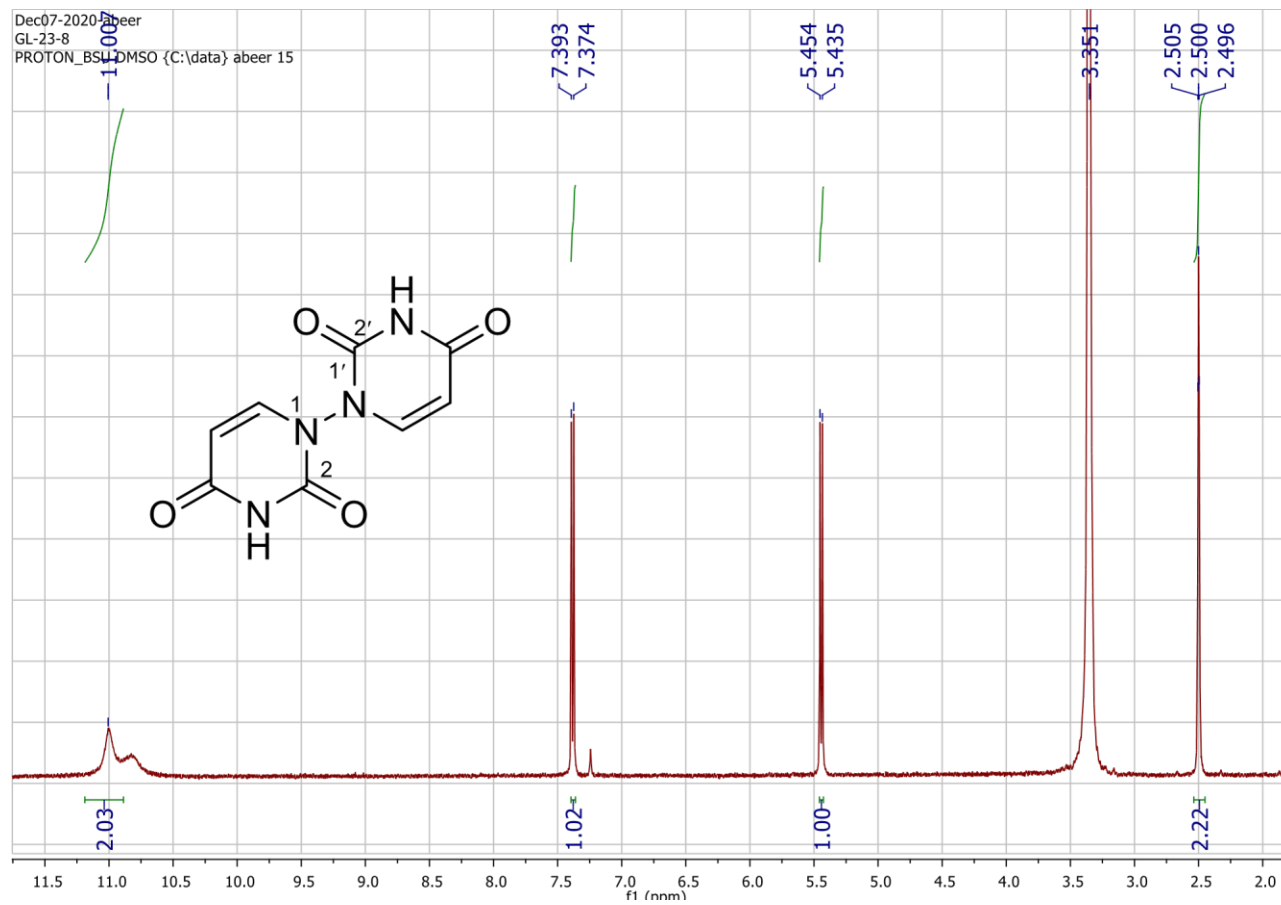
**Figure S2:** DEPT-Q spectrum of compound 1 (100 MHz, CDCl<sub>3</sub>).



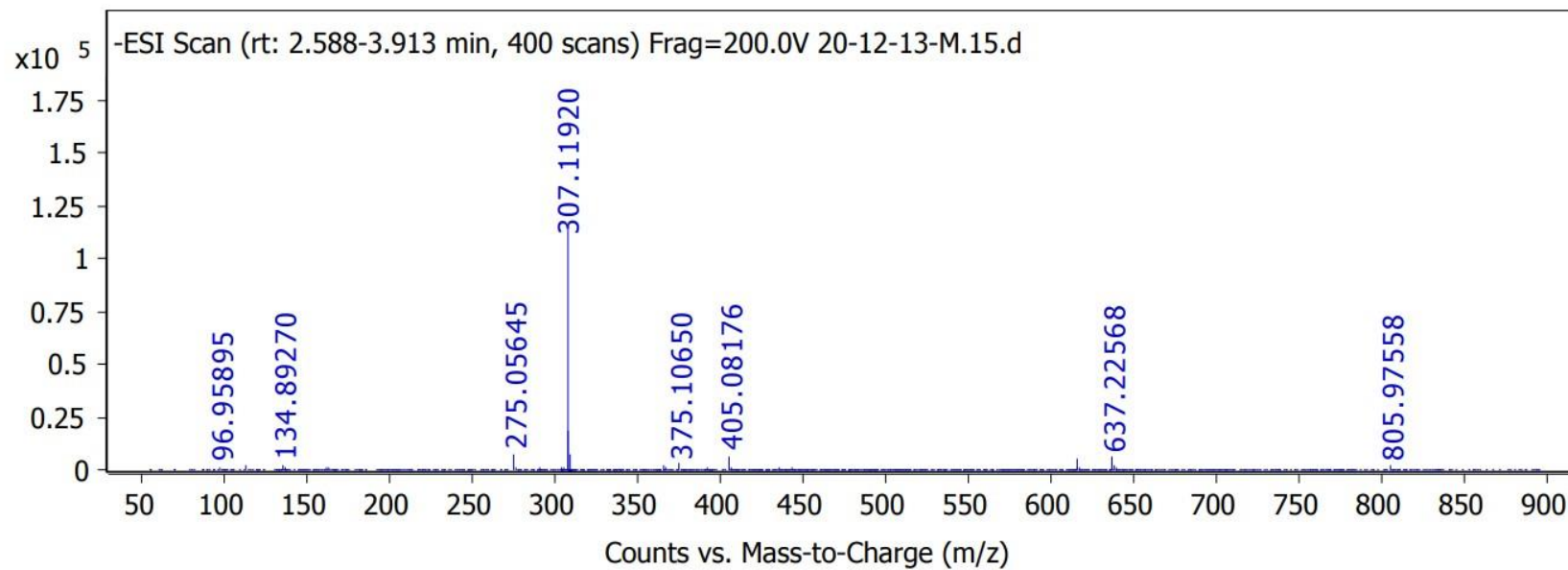
**Figure S3:** <sup>1</sup>H NMR spectrum of compound 2 (400 MHz, Pyridine-d<sub>5</sub>)



**Figure S4:** DEPT-Q spectrum of compound **2** (100 MHz, Pyridine- $d_5$ ).



**Figure S5:**  $^1\text{H}$  NMR spectrum of compound 3 (400 MHz,  $\text{DMSO-}d_6$ ).



**Figure S6:** Negative mode HR-ESI- MS spectrum of compound **4**



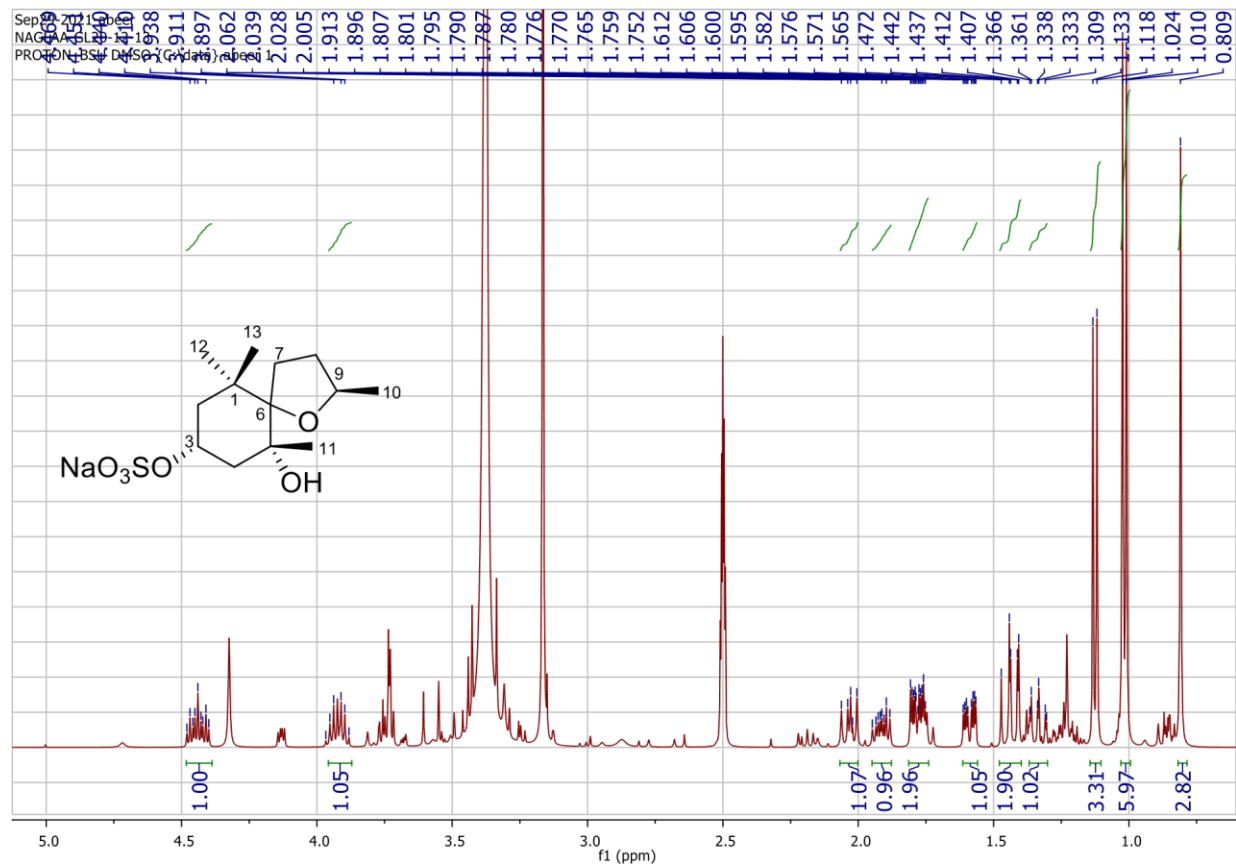
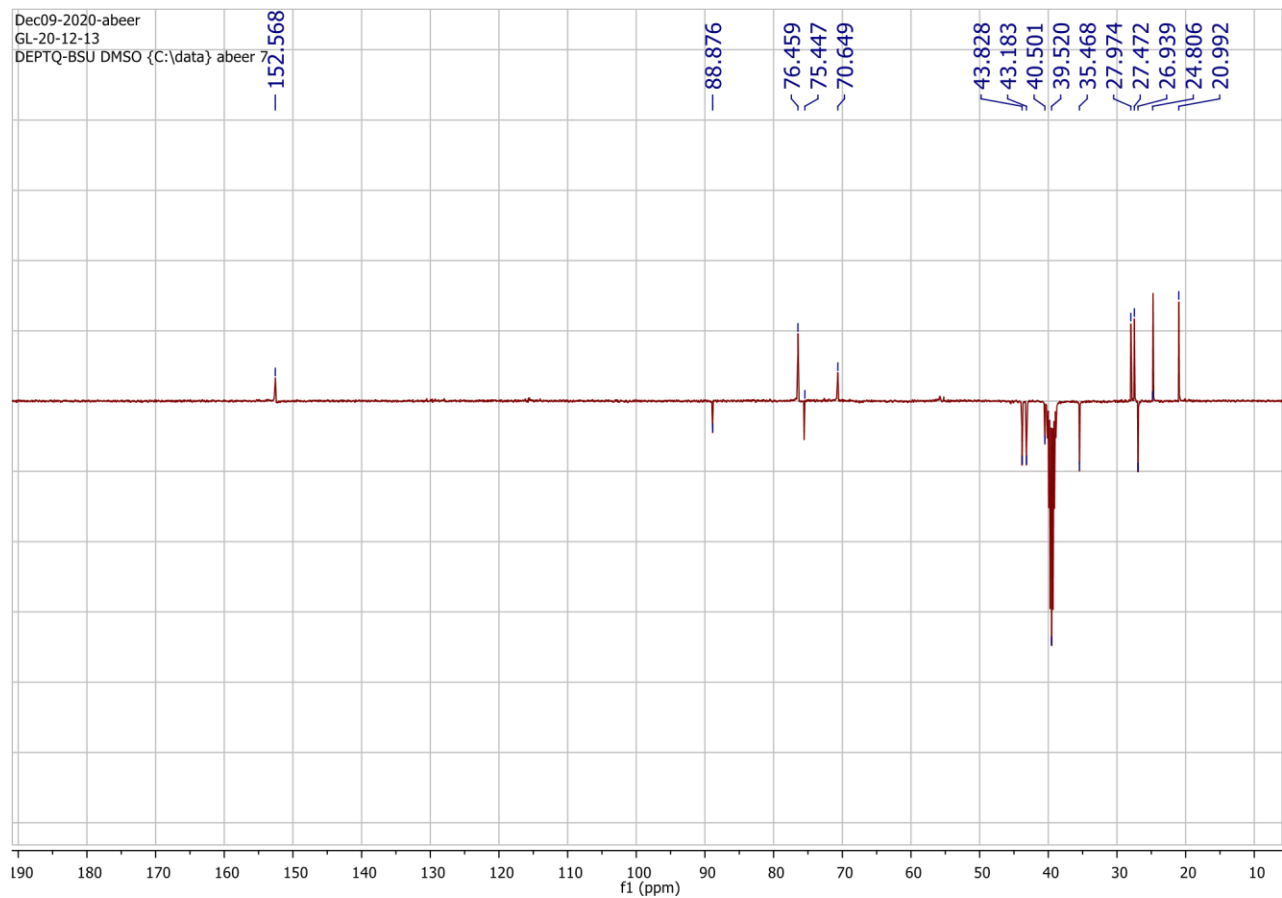
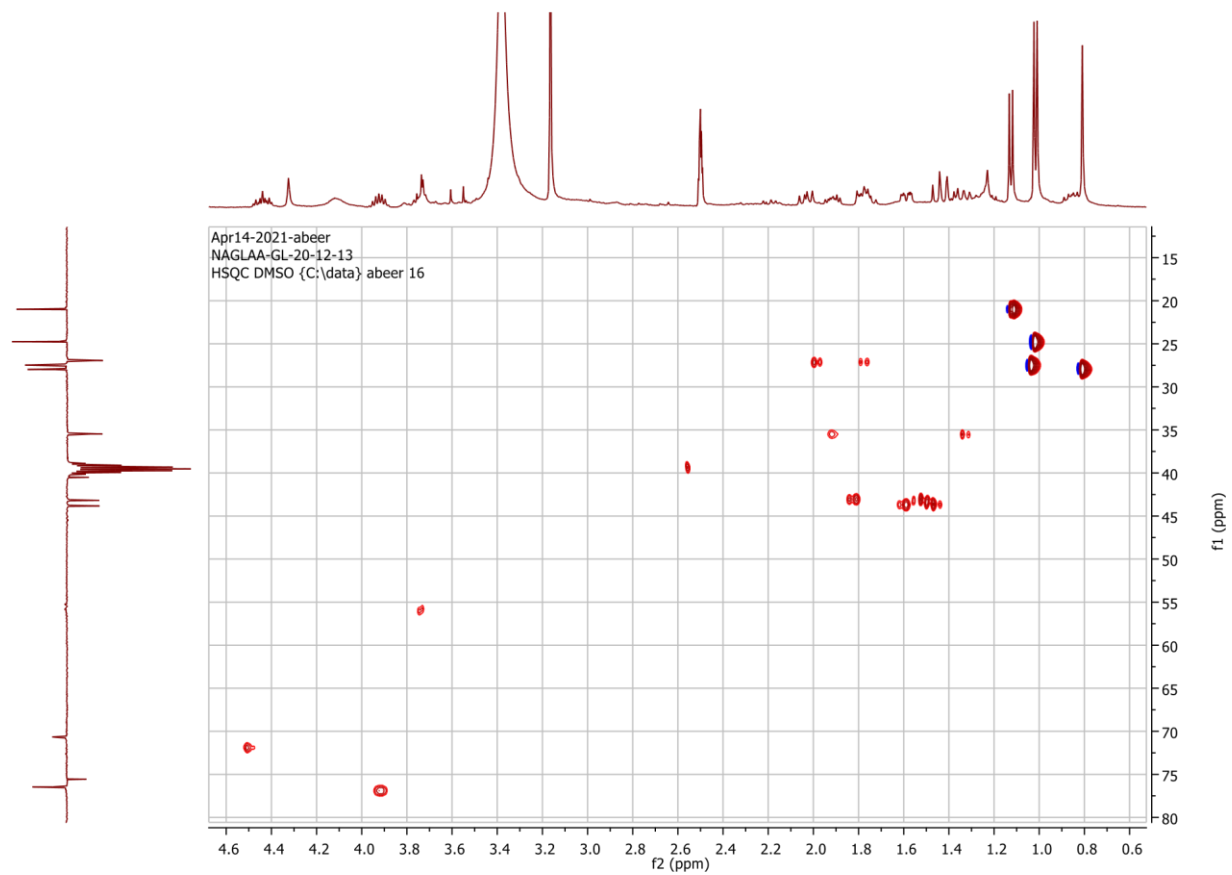


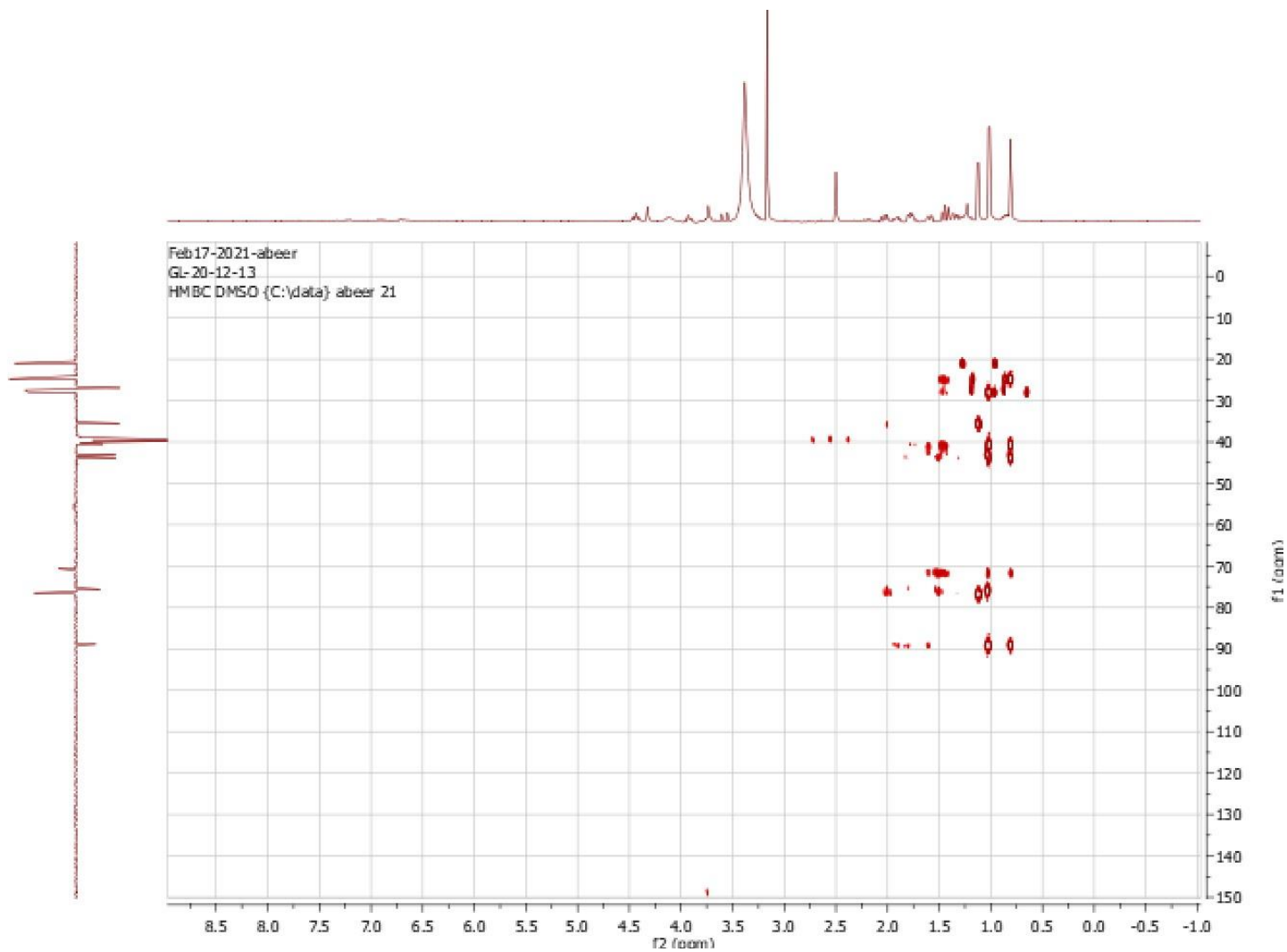
Figure S7:  $^1\text{H}$  NMR spectrum of compound **4** (400 MHz,  $\text{DMSO-}d_6$ ).



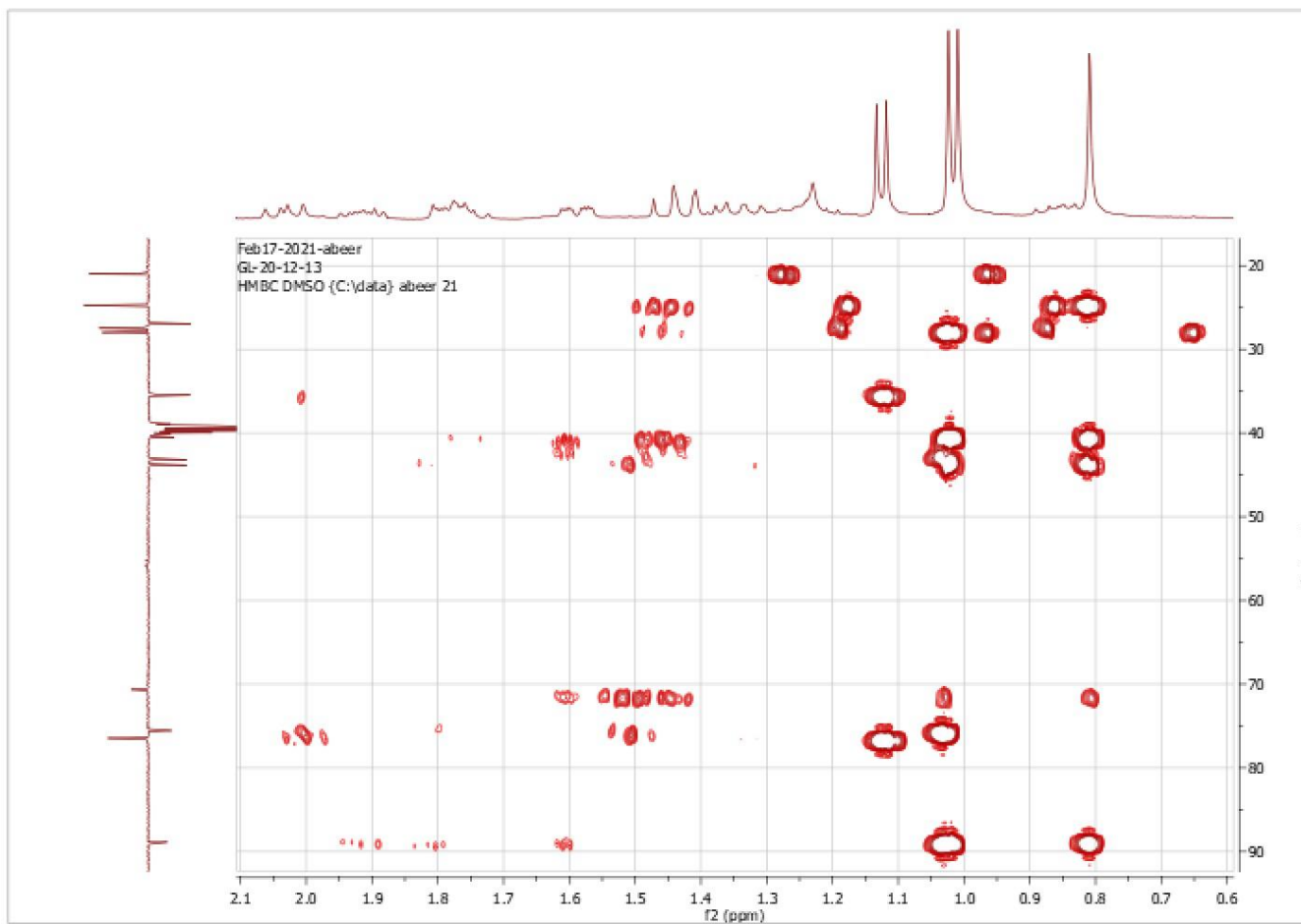
**Figure S8:** DEPT-Q spectrum of compound **4** (100 MHz, DMSO-*d*<sub>6</sub>)



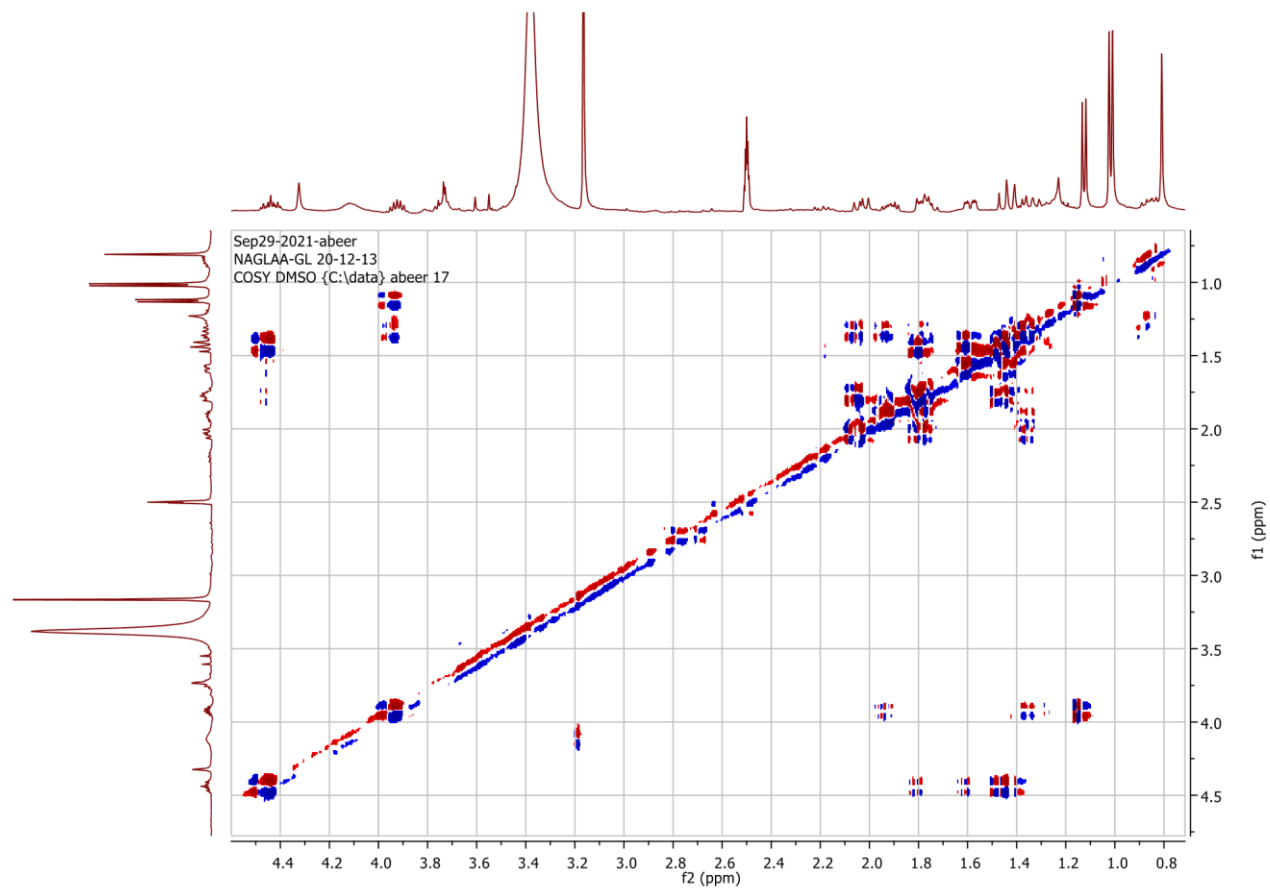
**Figure S9:** HSQC spectrum of compound 4



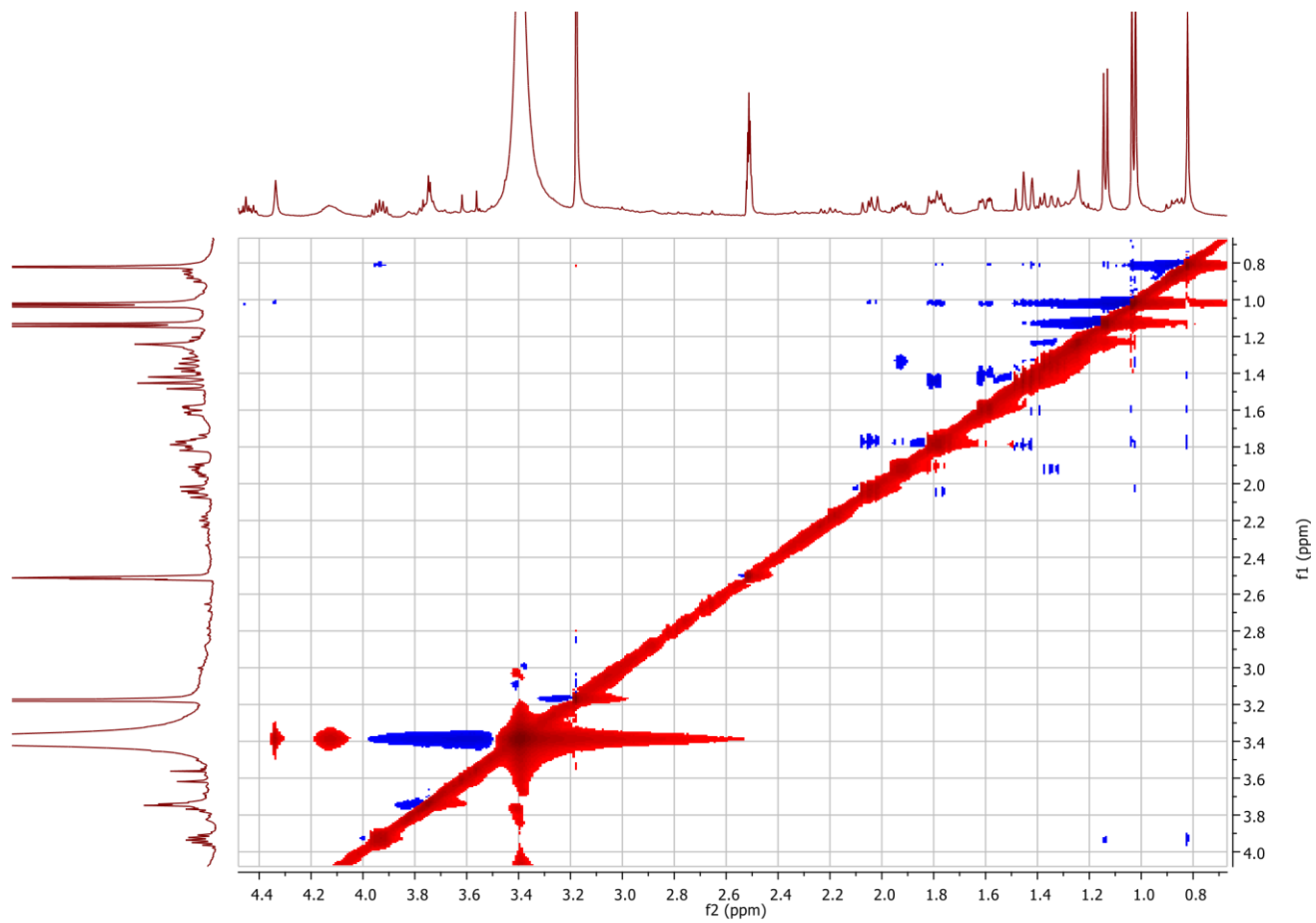
**Figure S10:** HMBC spectrum of compound **4**



**Figure S11:** Expanded HMBC spectrum of compound 4



**Figure S12:** COSY spectrum of compound **4**



**Figure S13:** NOESY spectrum of compound 4.

