

## Supplementary Material

### Constructing 4-hydroxythiazole-5-carboxamide building blocks in one pot

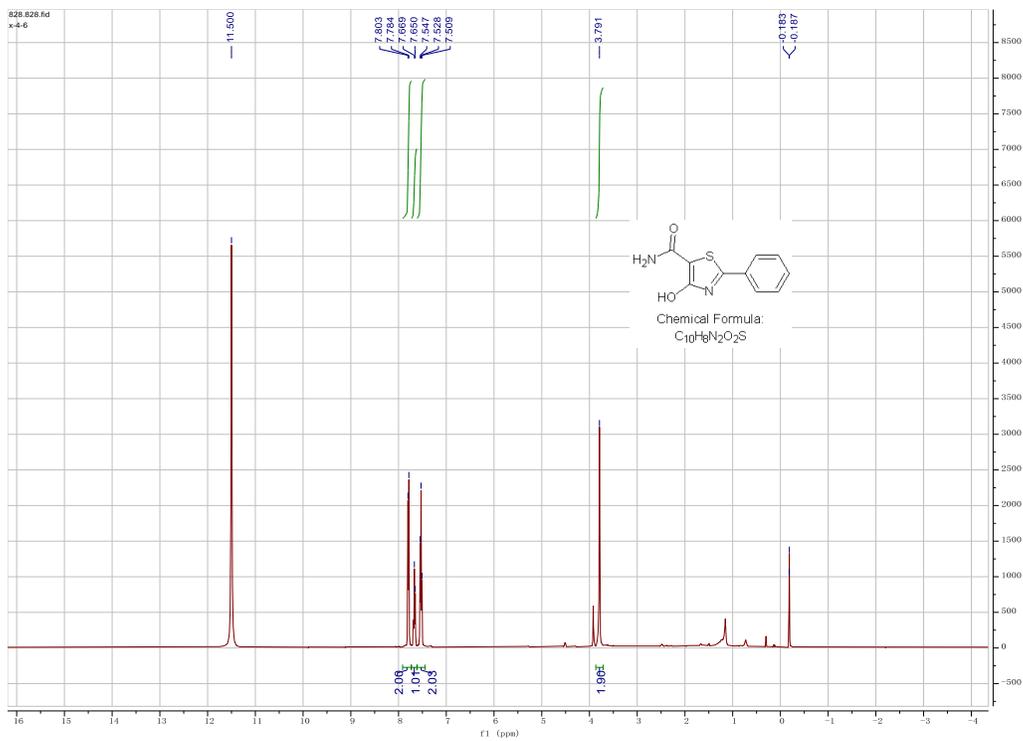
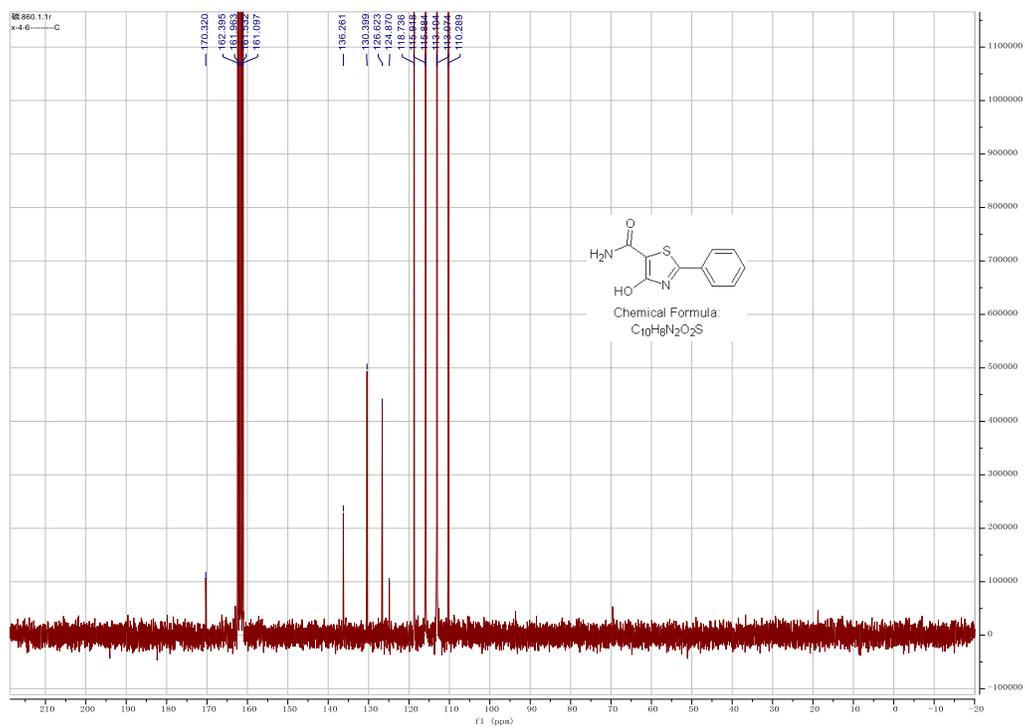
Yue Xu, Jing Shu, Ying Wang, Zheng Lu\*, Yong-Qing Yang,\* and Ximing Xu\*

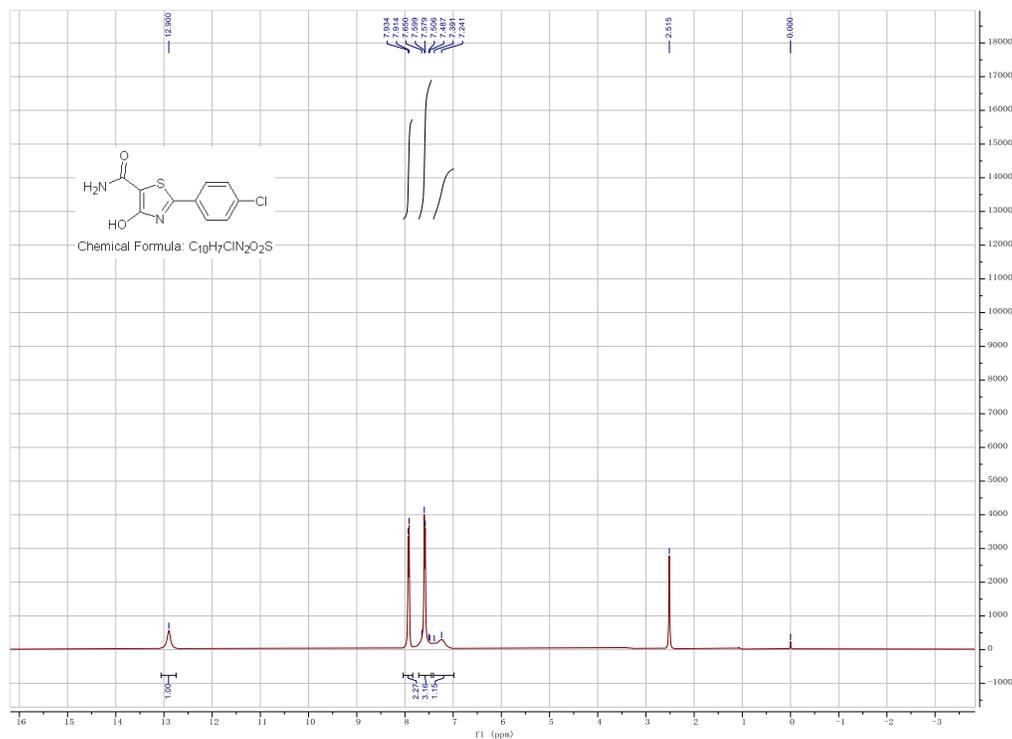
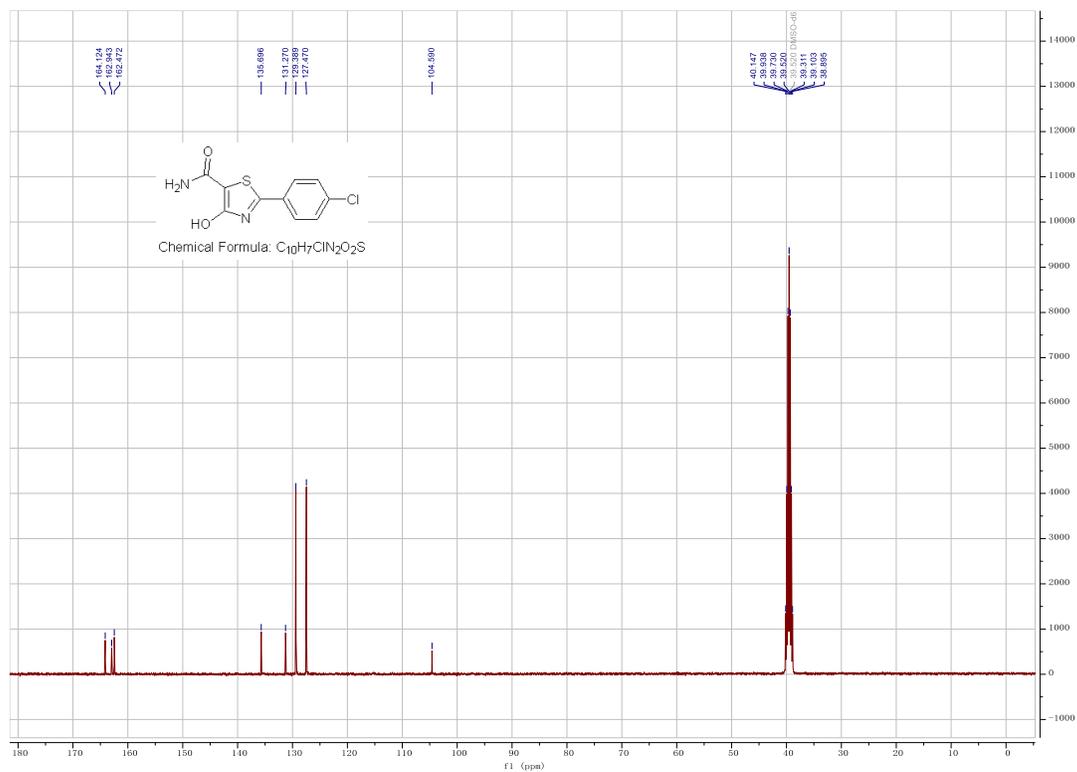
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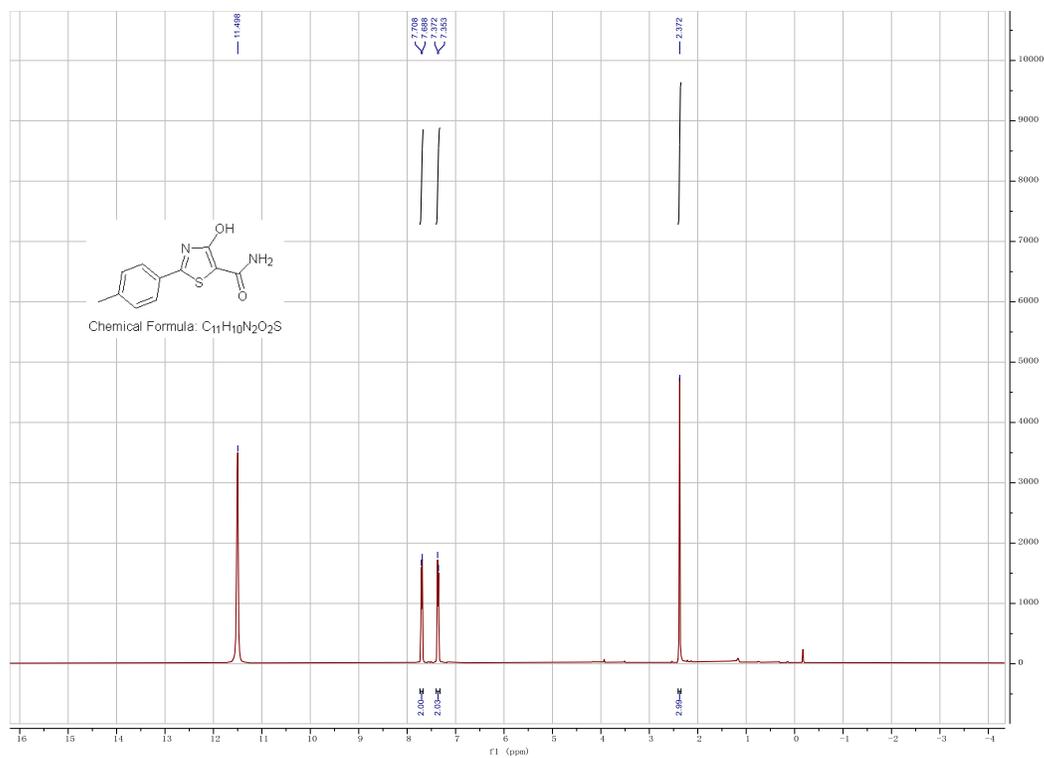
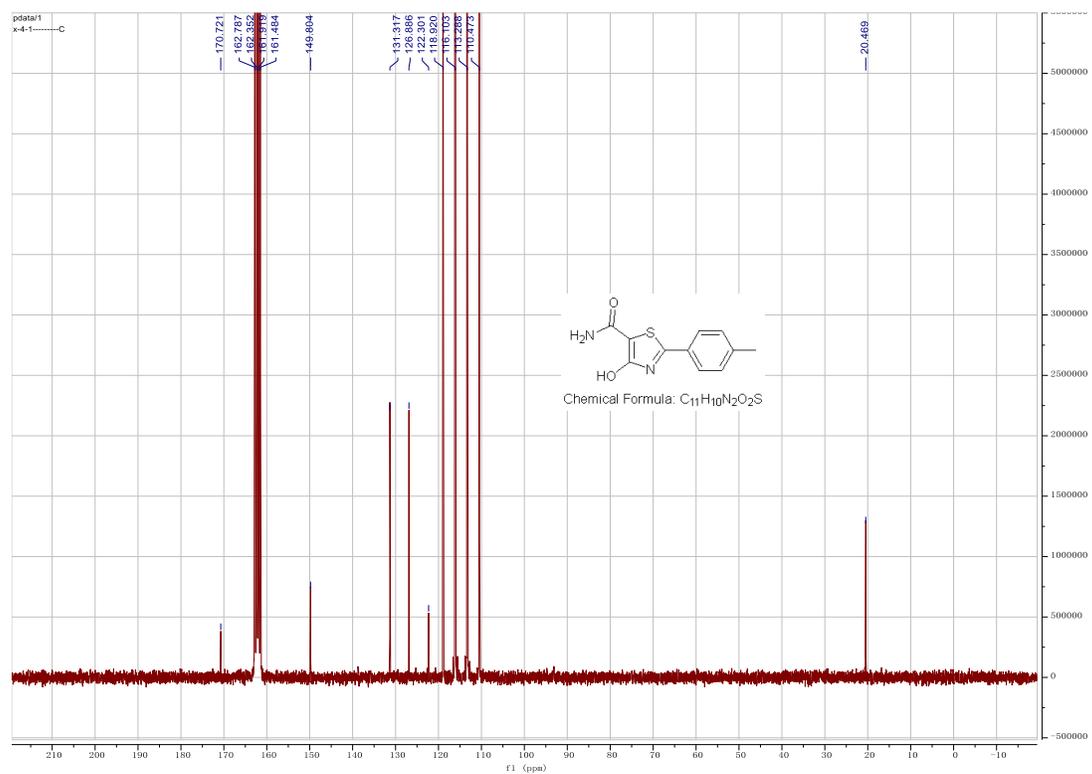
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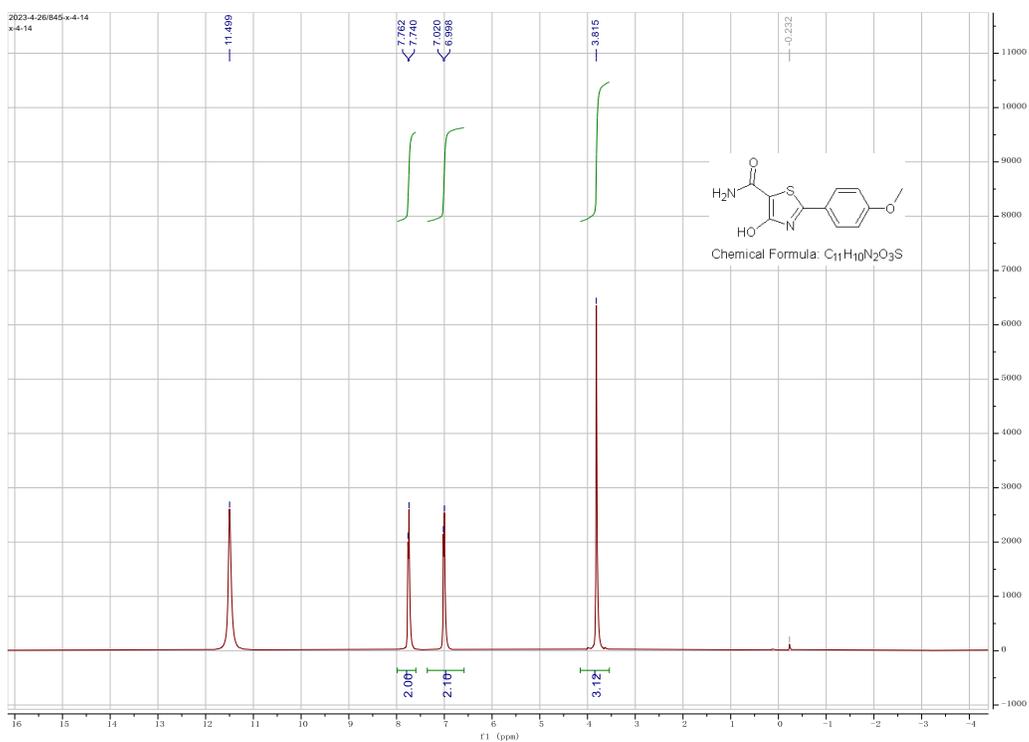
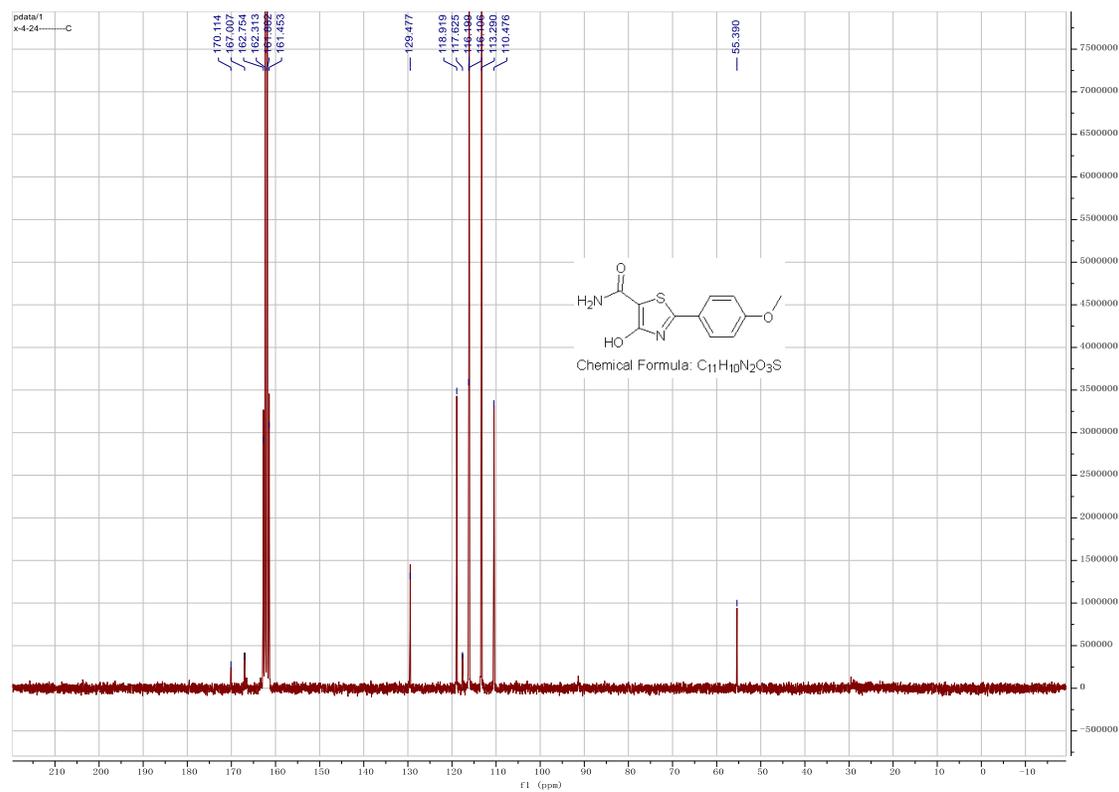
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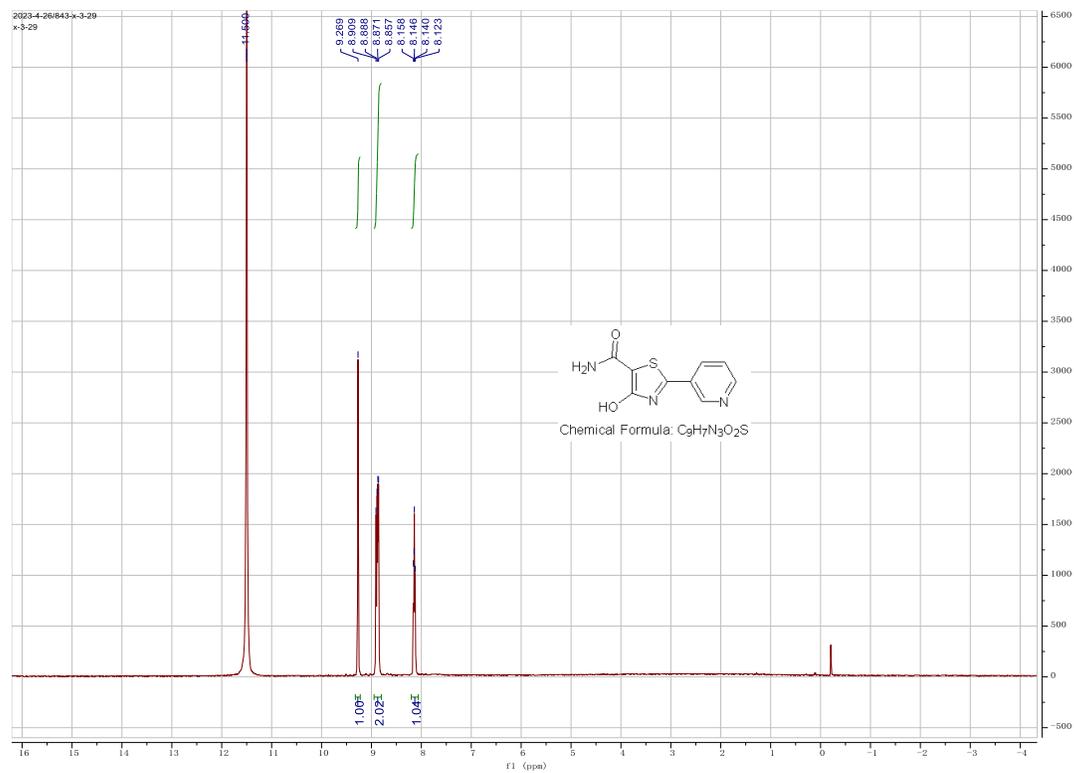
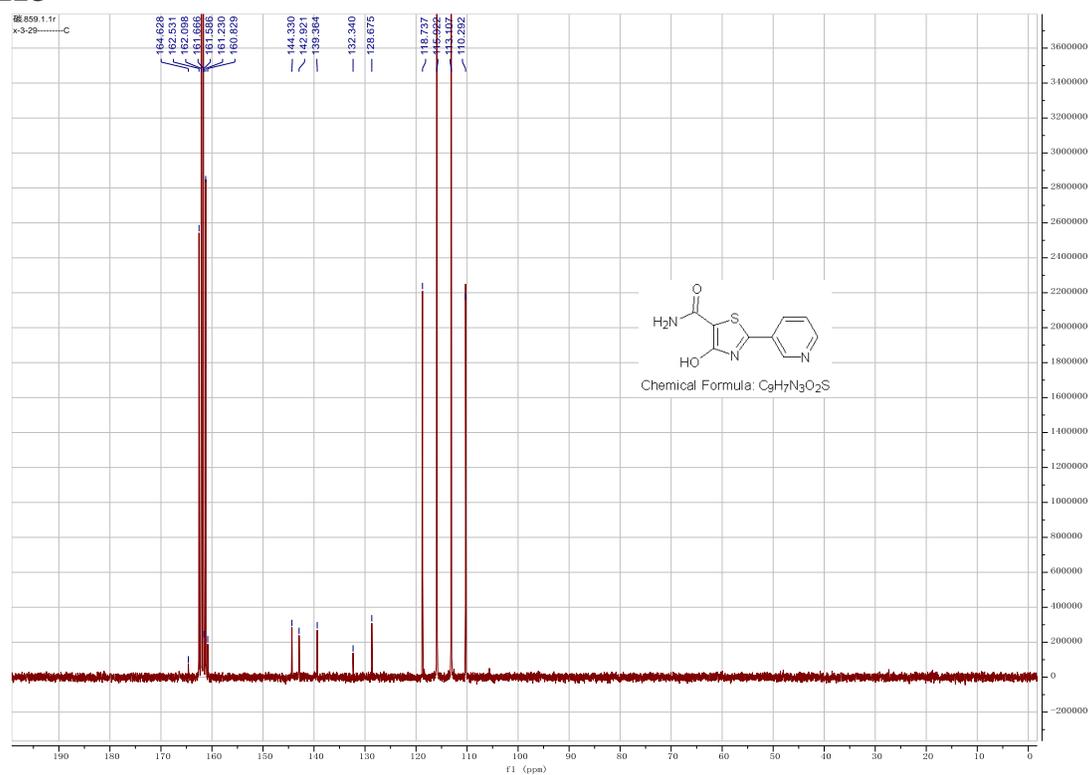
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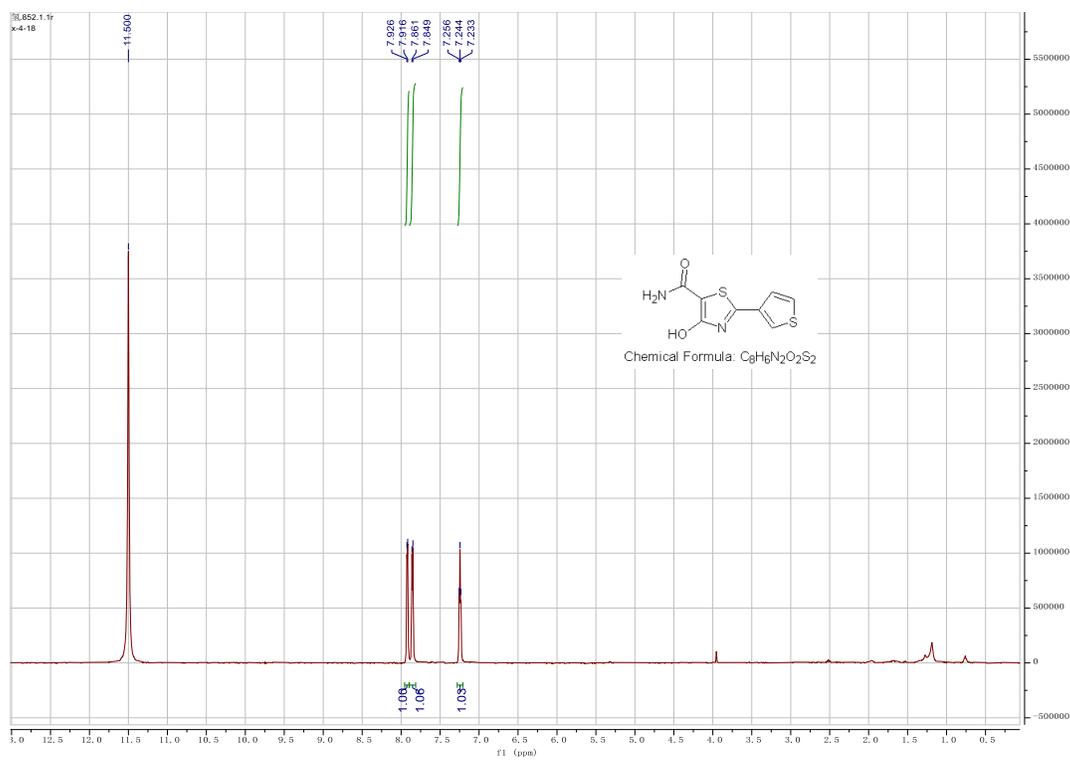
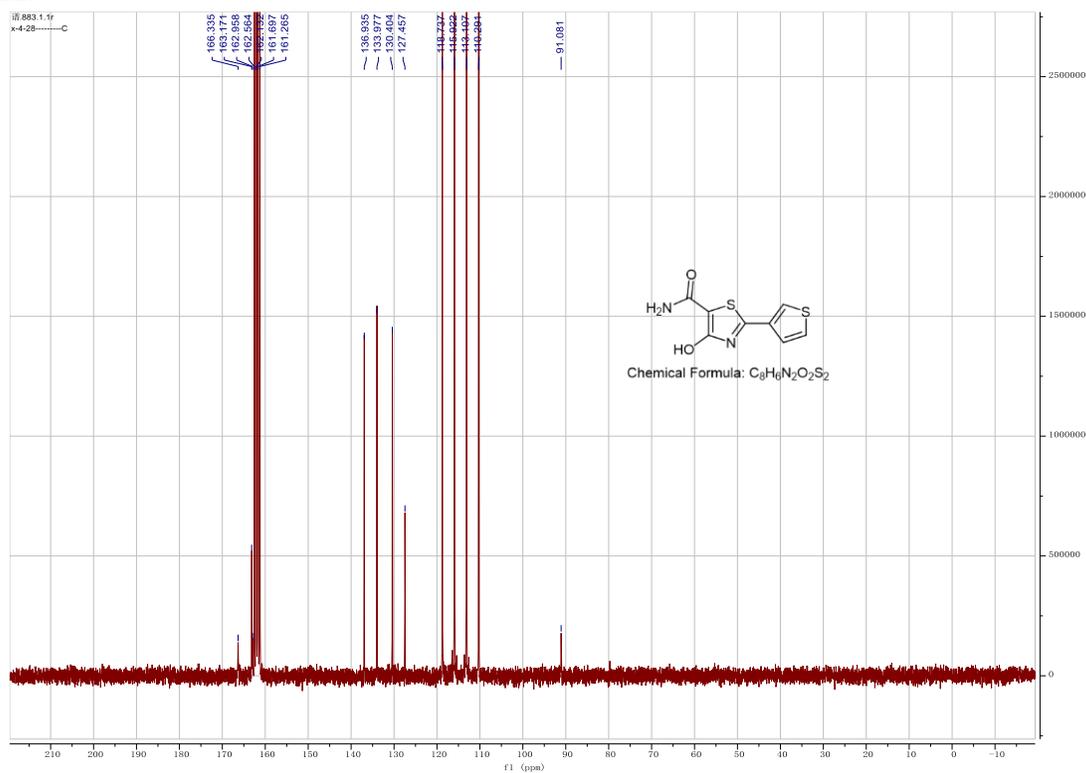
$^1\text{H}$  NMR of **12a** $^{13}\text{C}$  NMR of **12a**

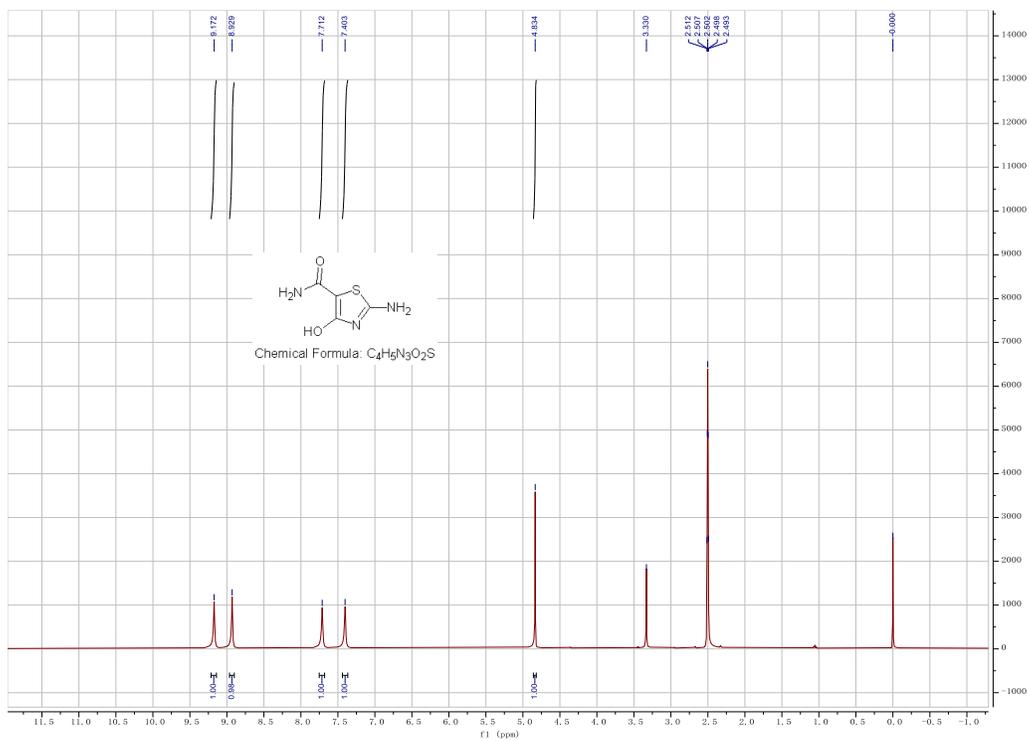
$^1\text{H}$  NMR of **12b** $^{13}\text{C}$  NMR of **12b**

$^1\text{H}$  NMR of **12c** $^{13}\text{C}$  NMR of **12c**

$^1\text{H}$  NMR of **12d** $^{13}\text{C}$  NMR of **12d**

$^1\text{H}$  NMR of **12e** $^{13}\text{C}$  NMR of **12e**

$^1\text{H}$  NMR of **12f** $^{13}\text{C}$  NMR of **12f**

$^1\text{H}$  NMR of **12g** $^{13}\text{C}$  NMR of **12g**