

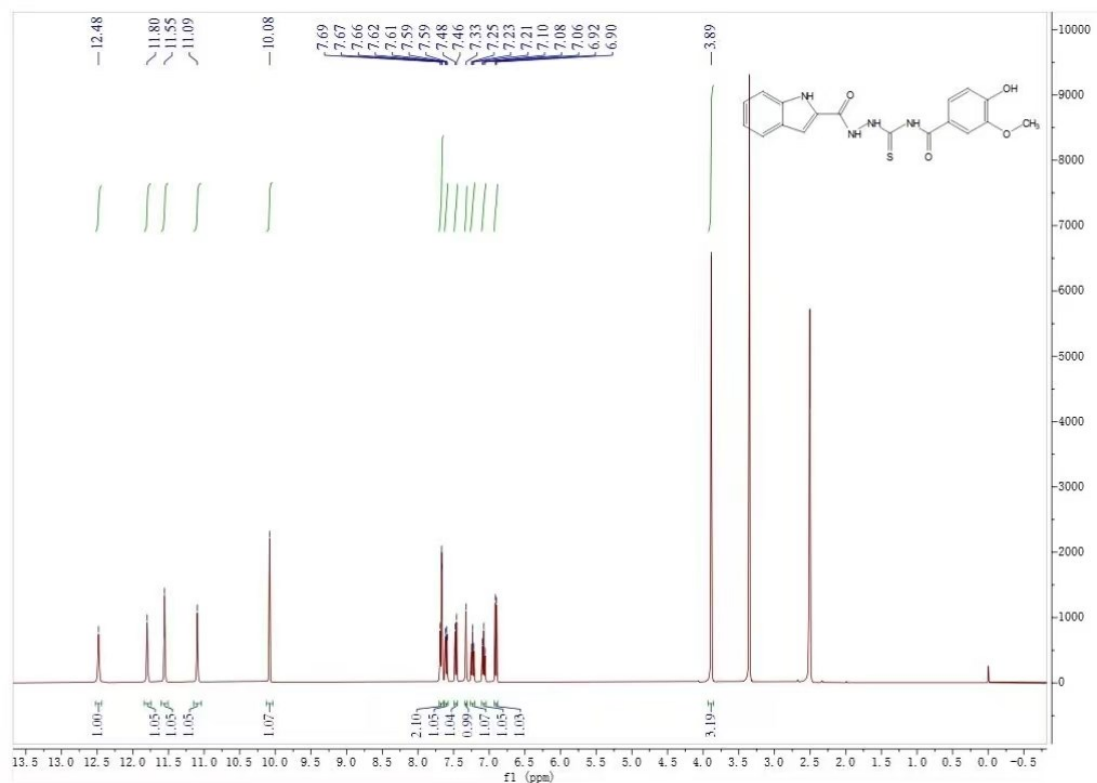
Synthesis and Antibacterial Activity of Vanillic Acid Derivatives Containing Indole Structure

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Qiang Zhang,² Qing-Mei Zhou,¹ Jia-Bao Luan,¹ Yue Wang¹ and Wei-Wei
Liu^{1*}

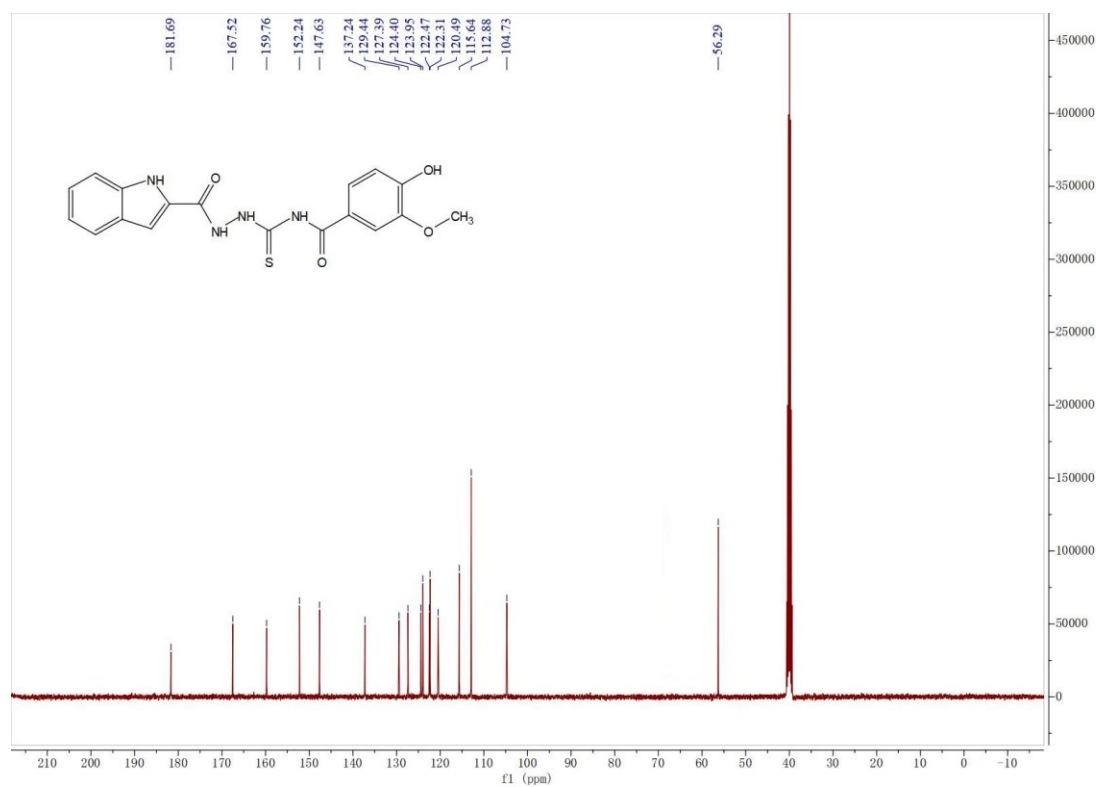
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7a

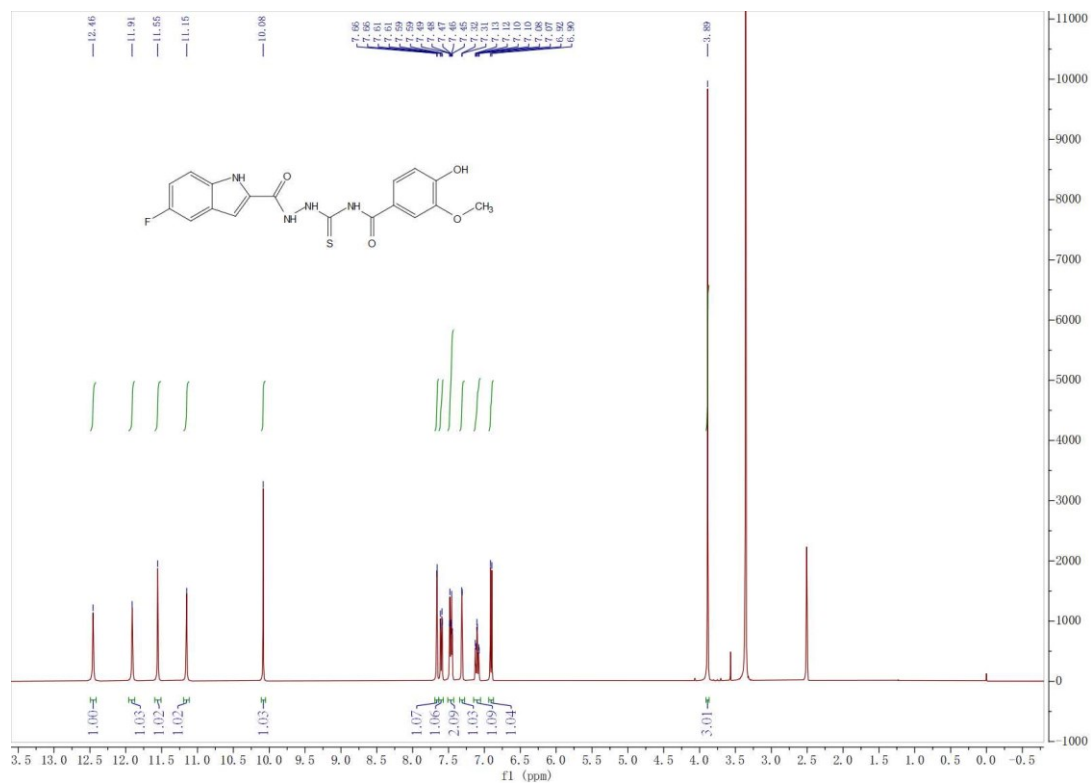


¹H-NMR of compound 7a

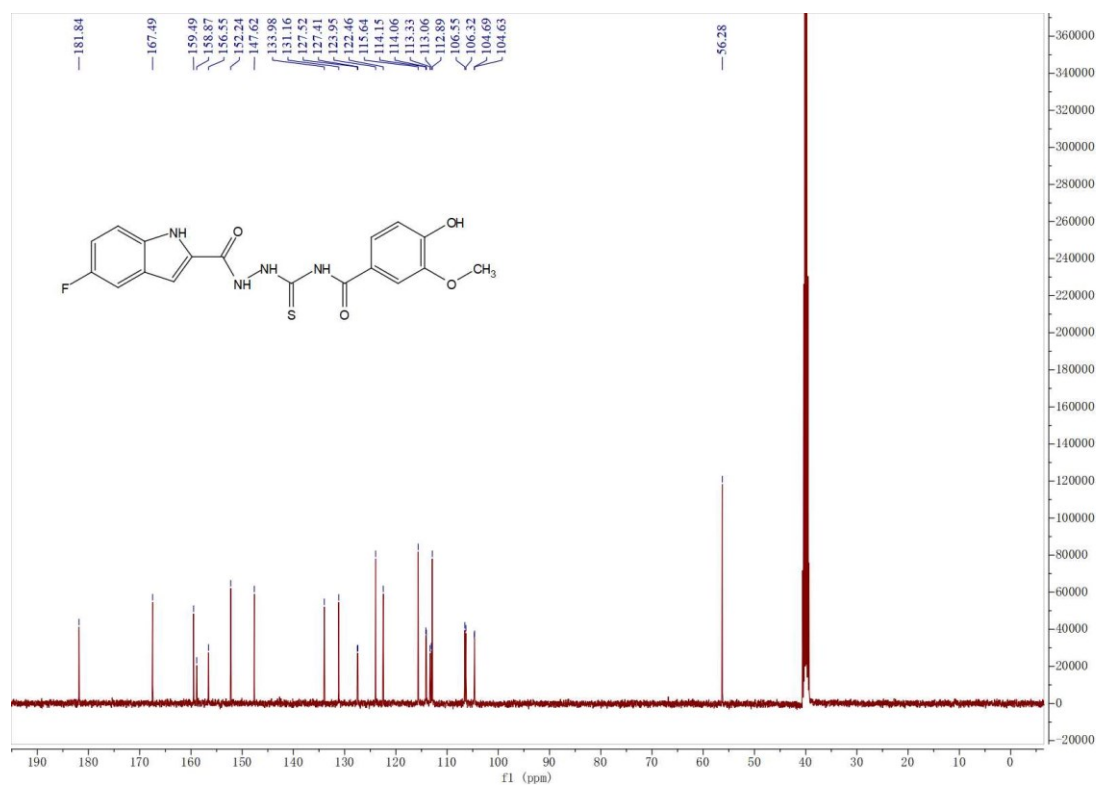


¹³C-NMR of compound 7a

7b

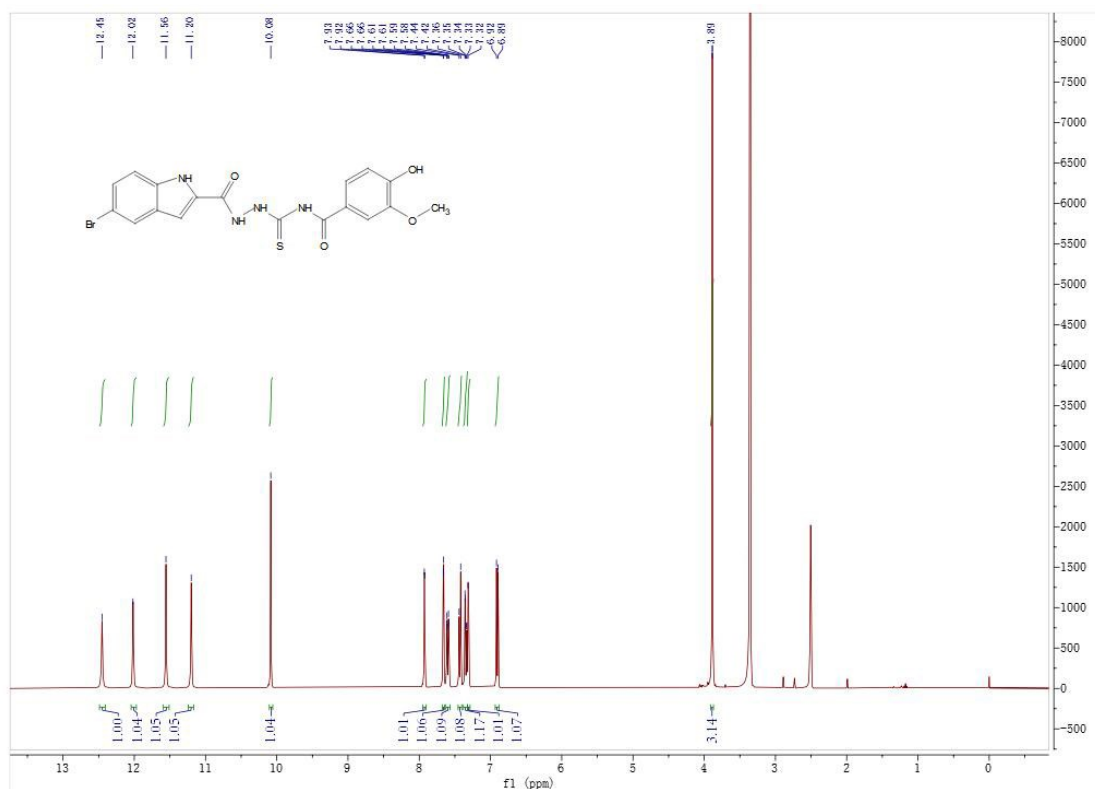


¹H-NMR of compound 7b

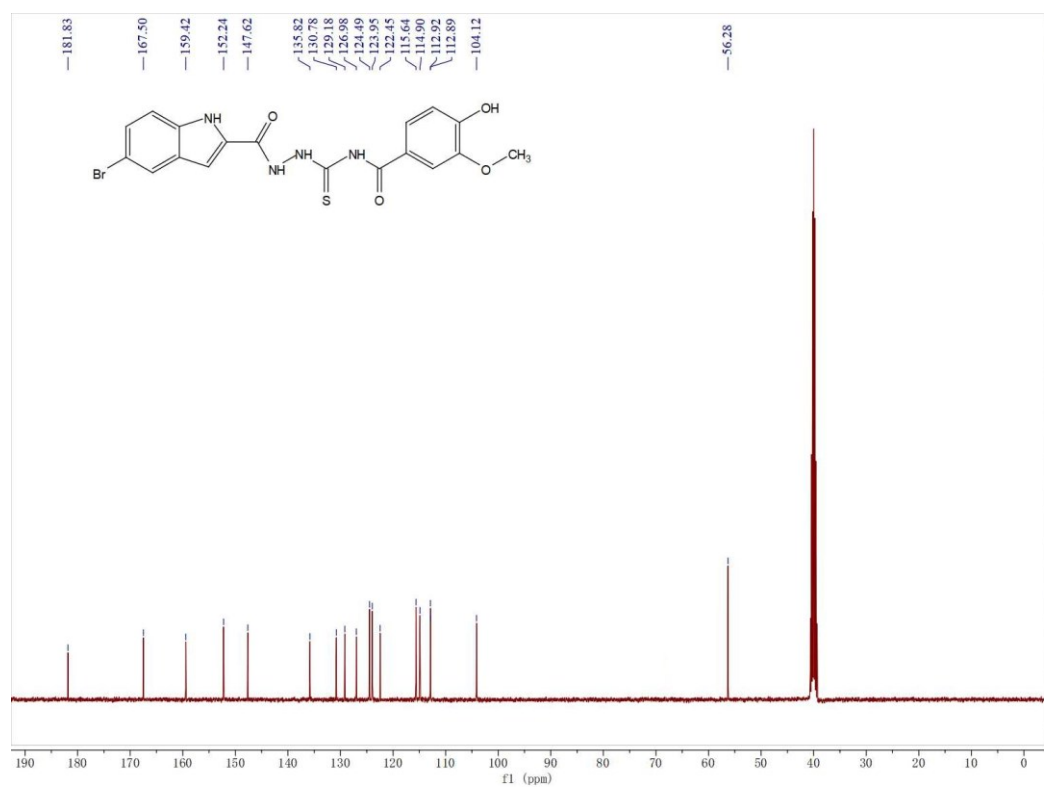


¹³C-NMR of compound 7b

7c

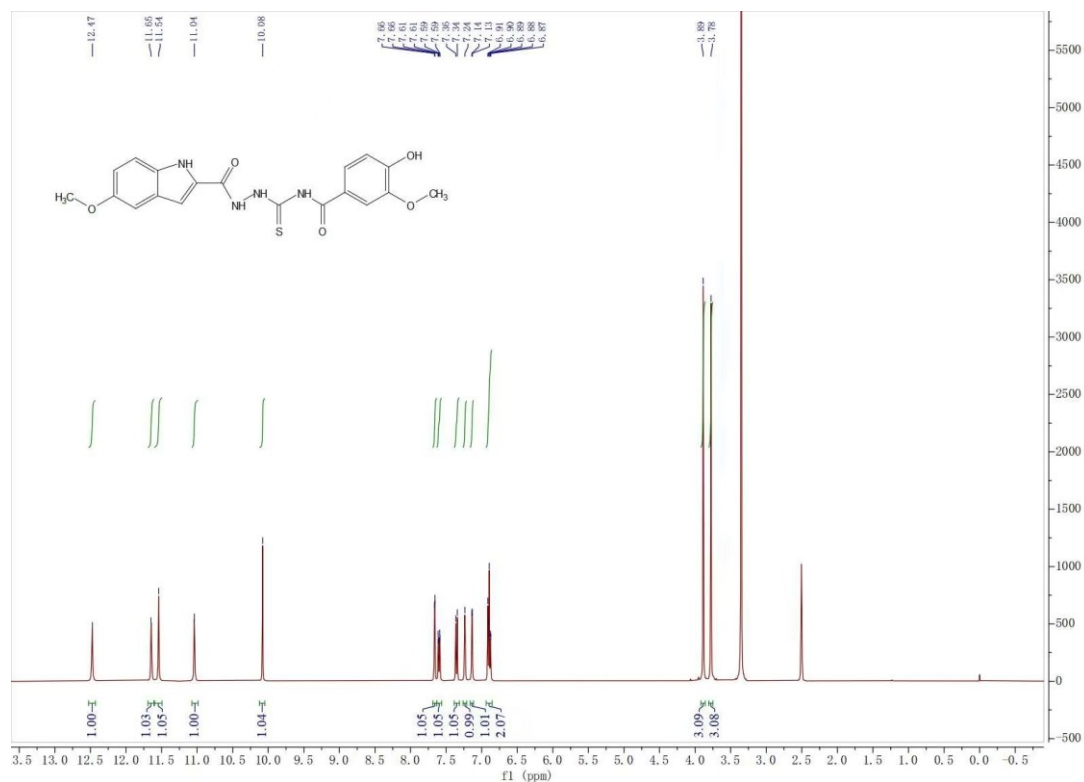


¹H-NMR of compound 7c

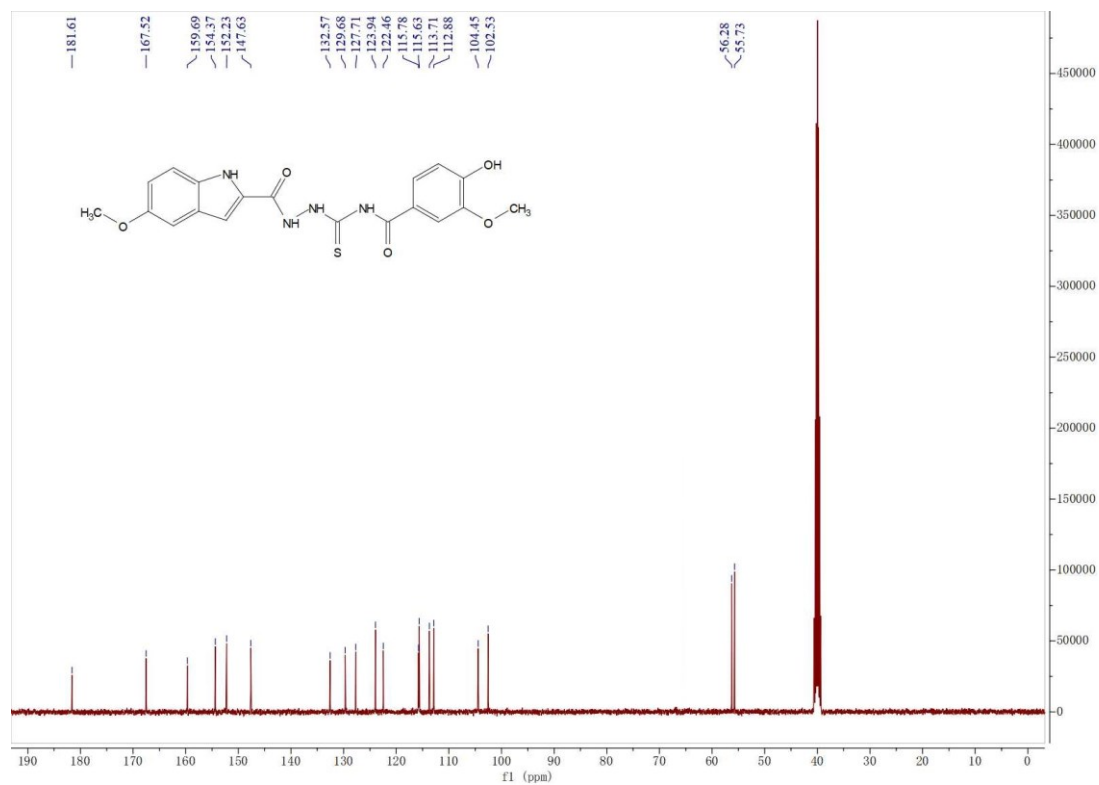


¹³C-NMR of compound 7c

7d

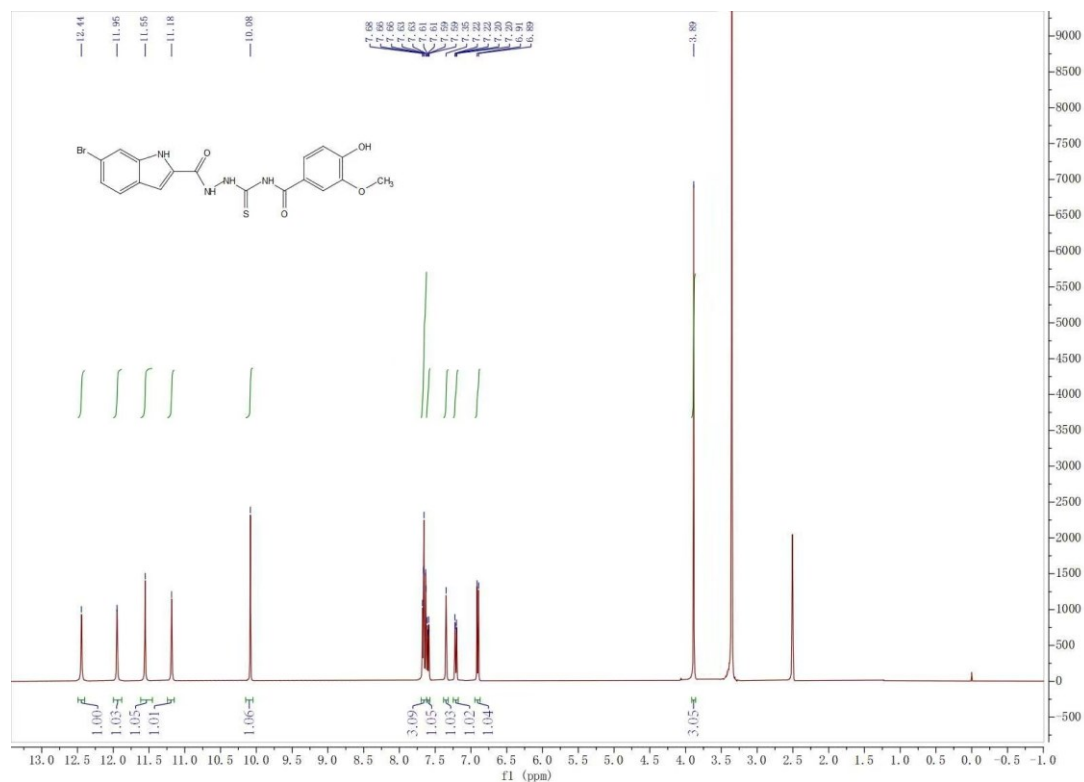


¹H-NMR of compound 7d

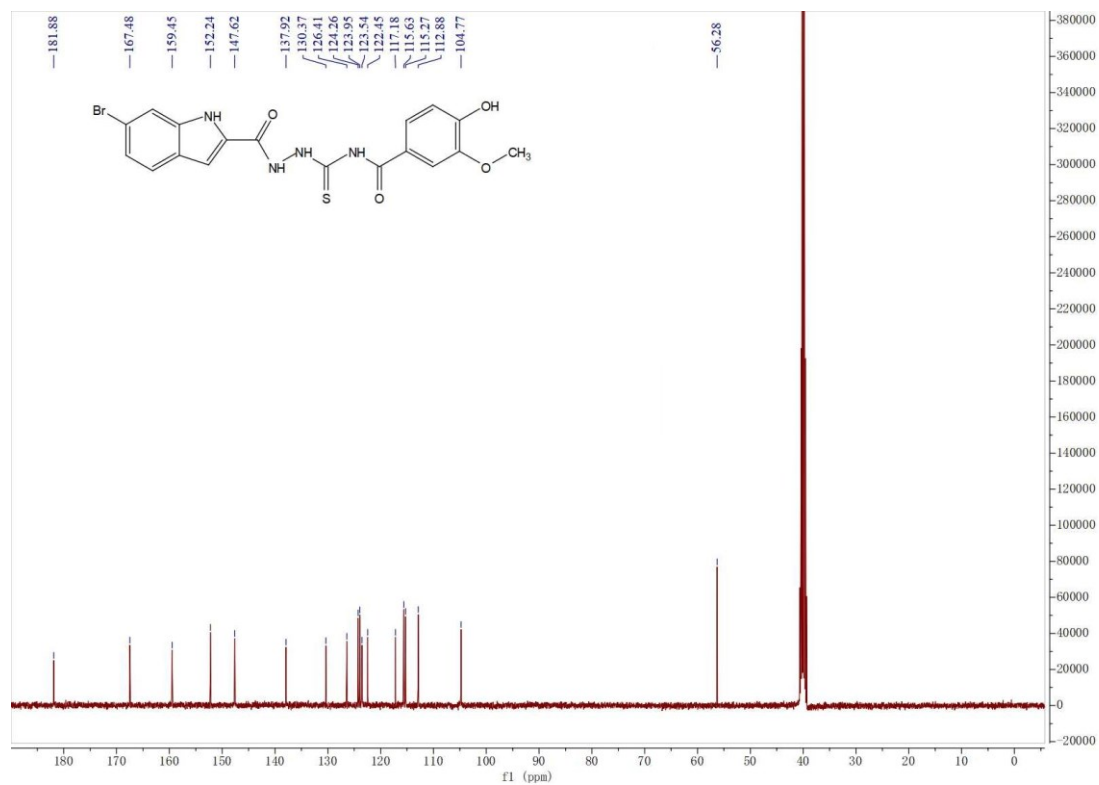


¹³C-NMR of compound 7d

7e

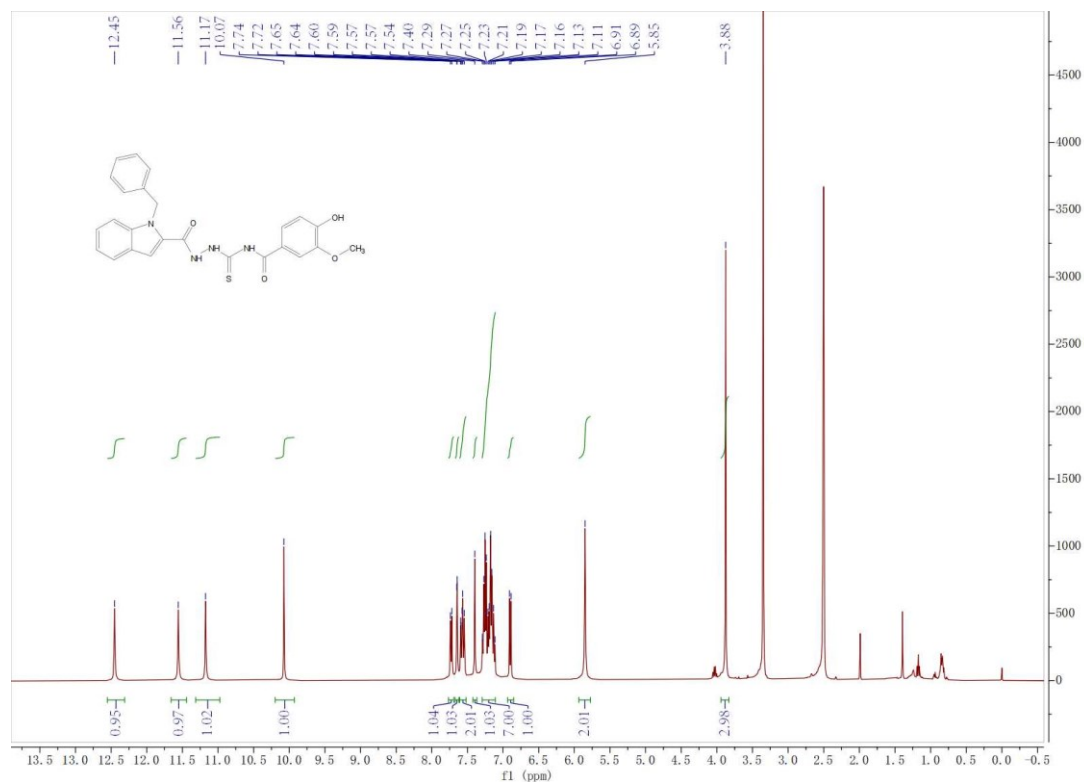


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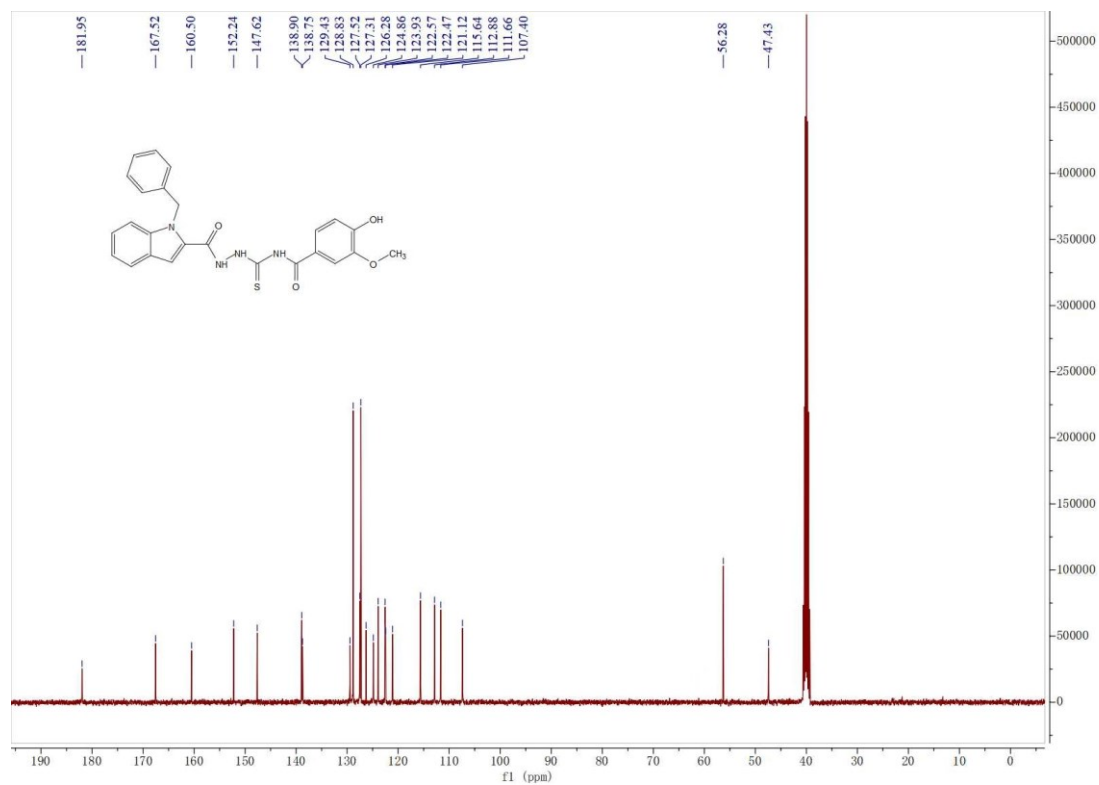


¹³C-NMR of compound 7e

7f

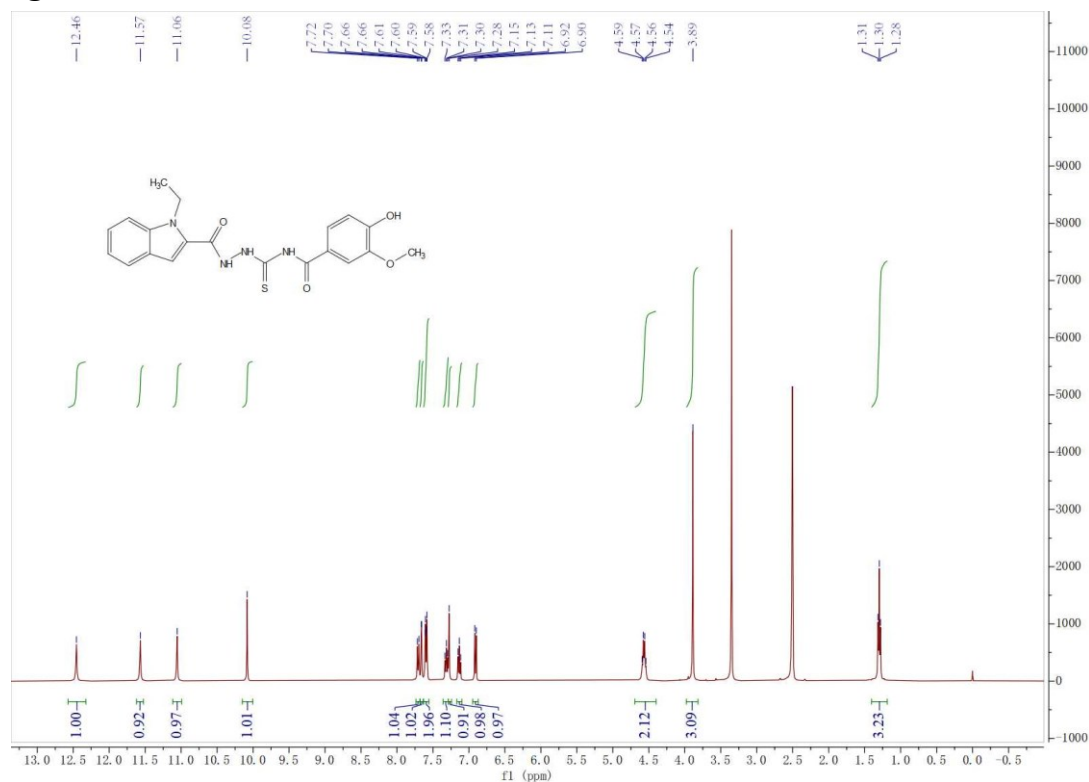


¹H-NMR of compound 7f

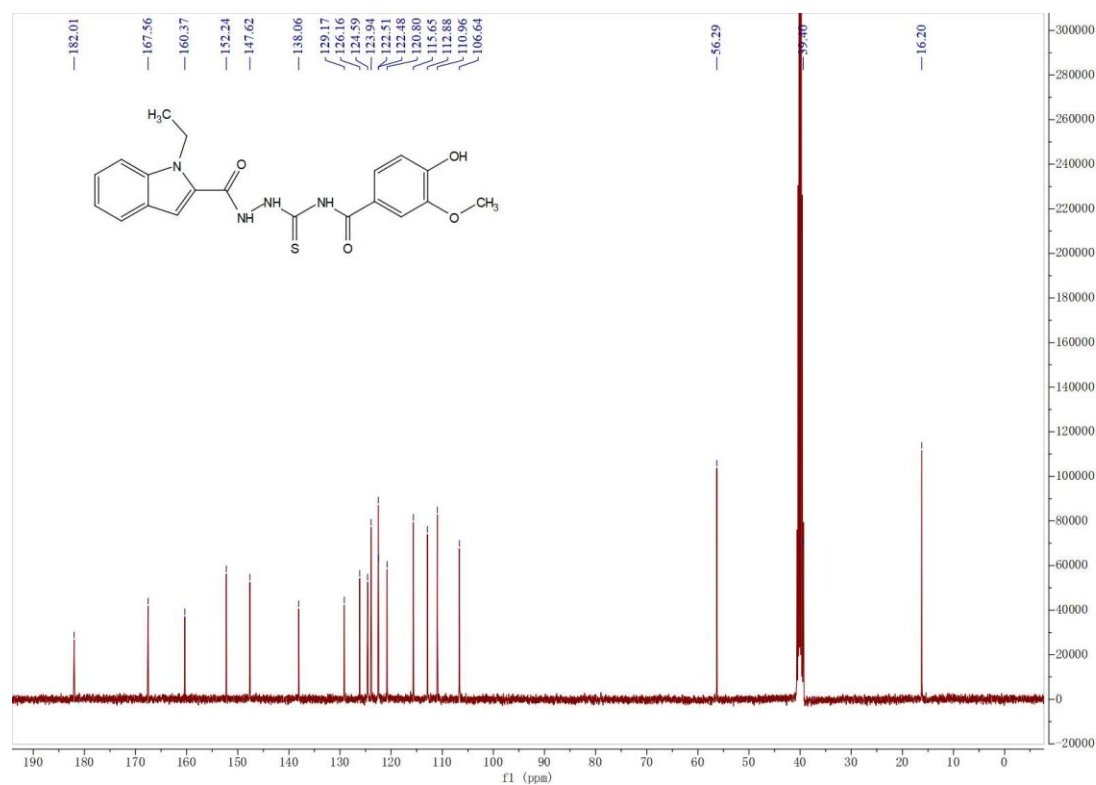


¹³C-NMR of compound 7f

7g

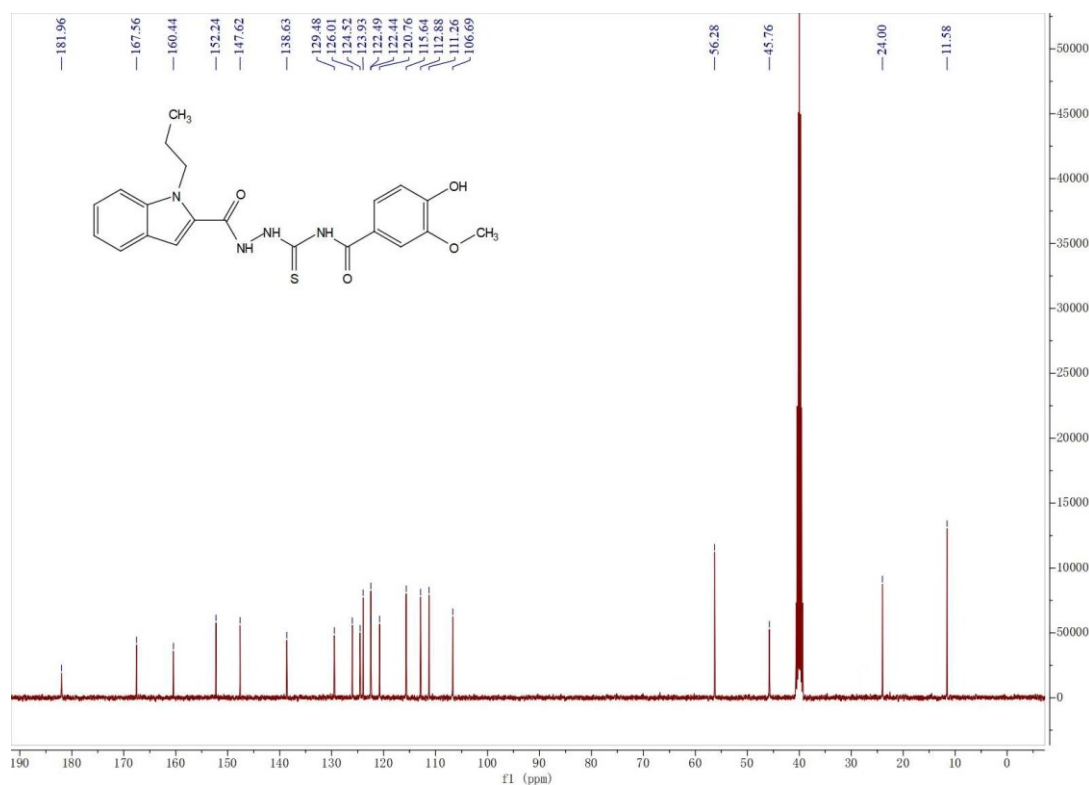
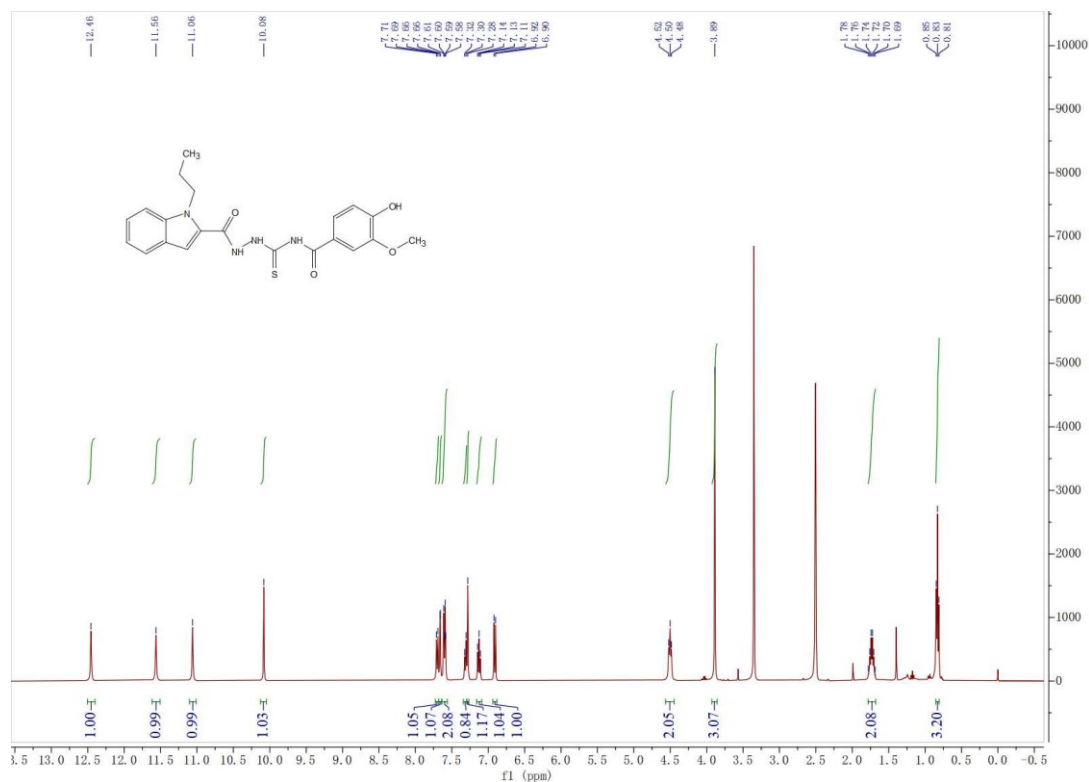


¹H-NMR of compound 7g

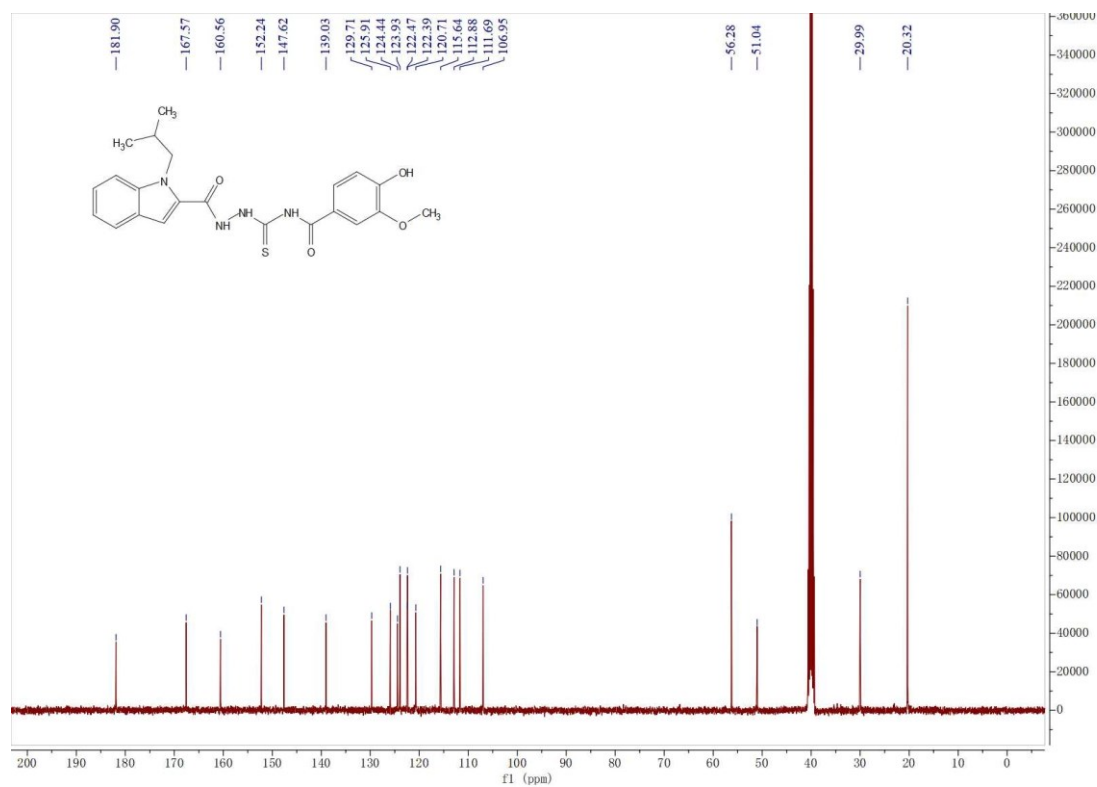
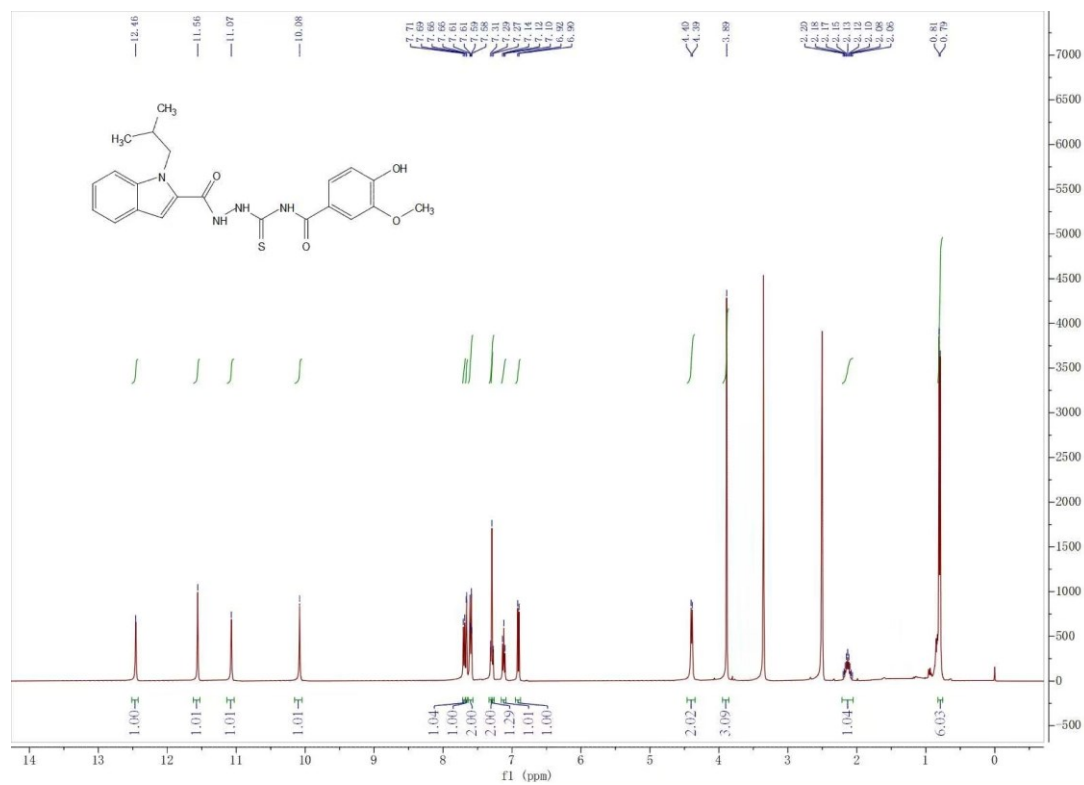


¹³C-NMR of compound 7g

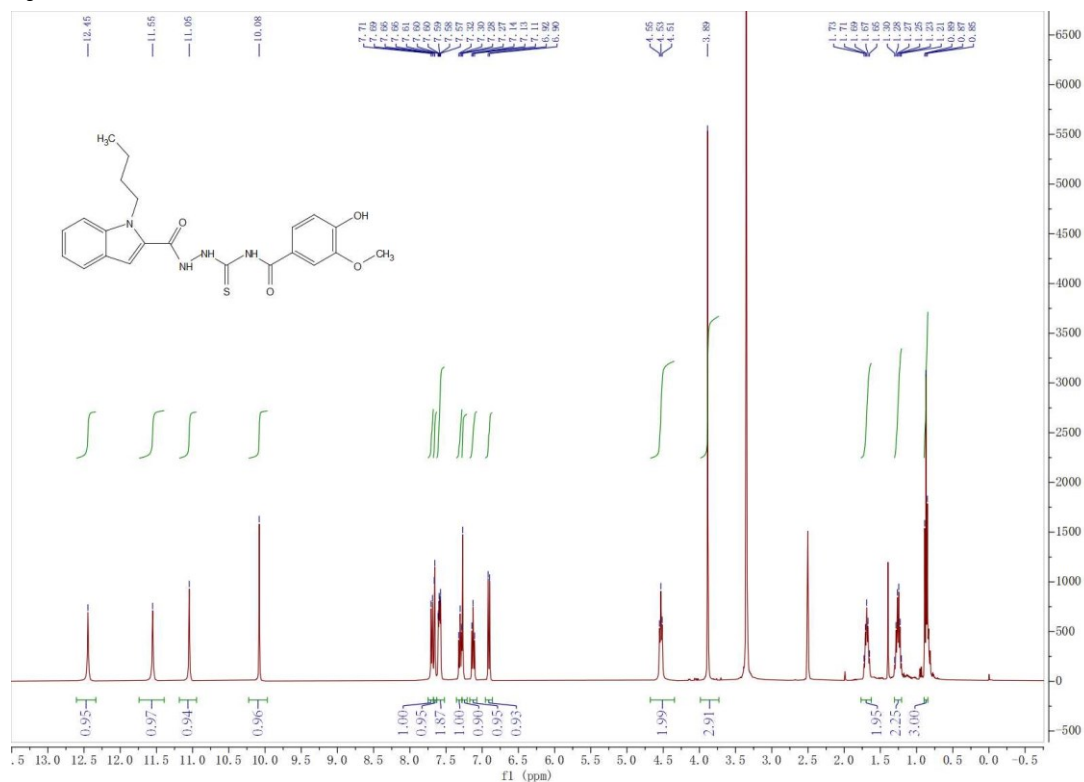
7h



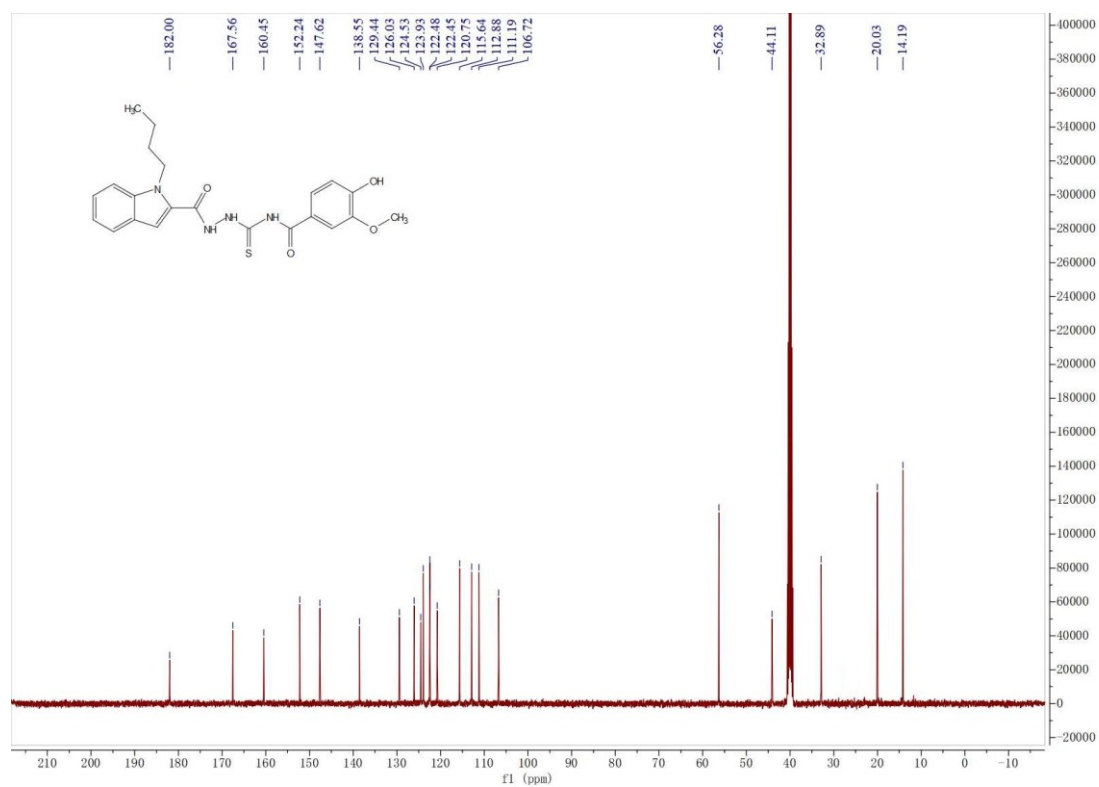
7i



7j

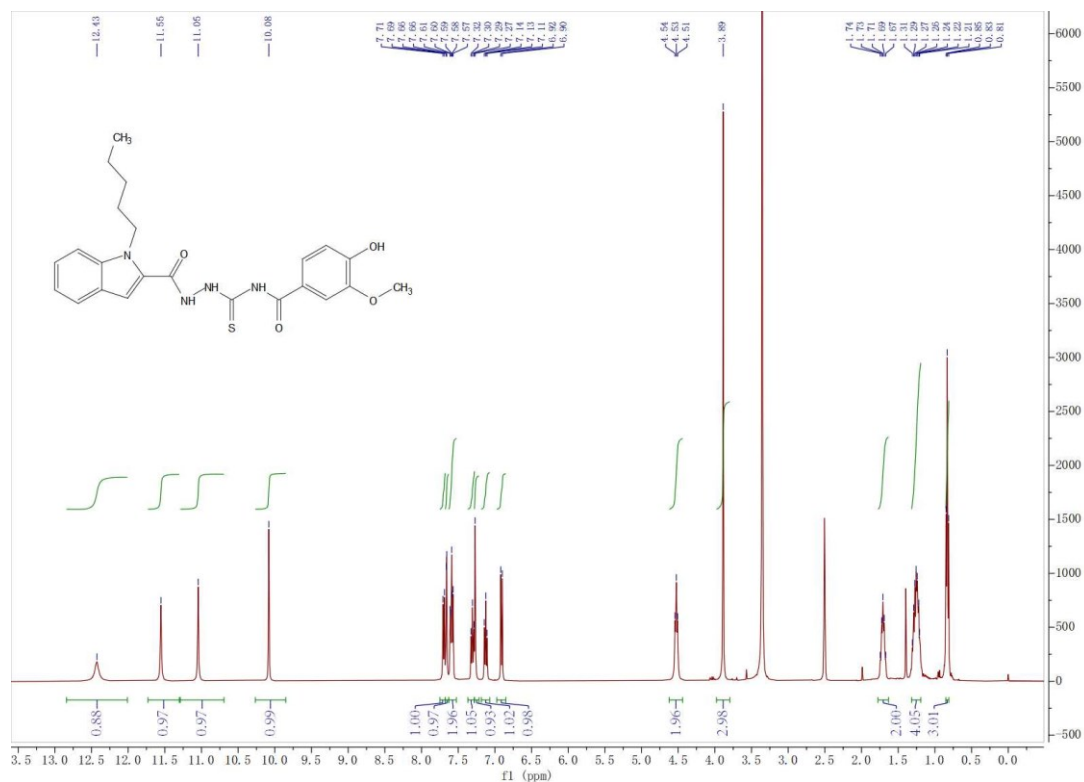


¹H-NMR of compound 7j

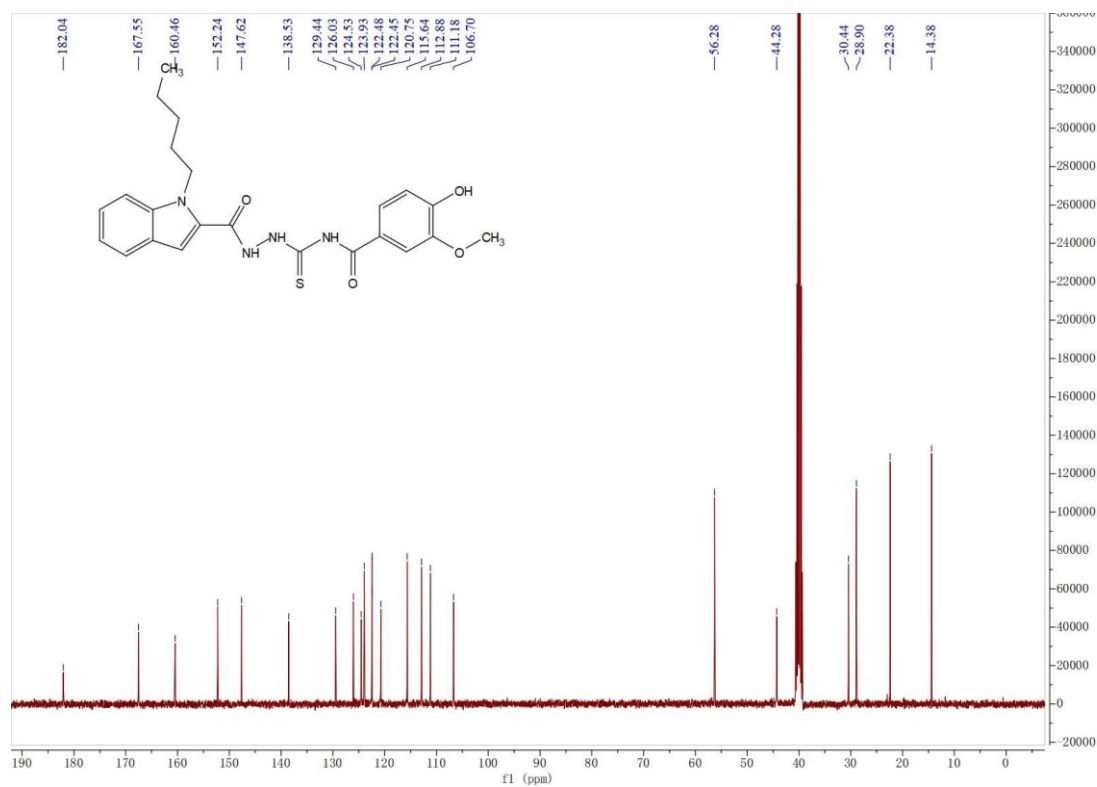


¹³C-NMR of compound 7j

7k



¹H-NMR of compound 7k



¹³C-NMR of compound 7k

