

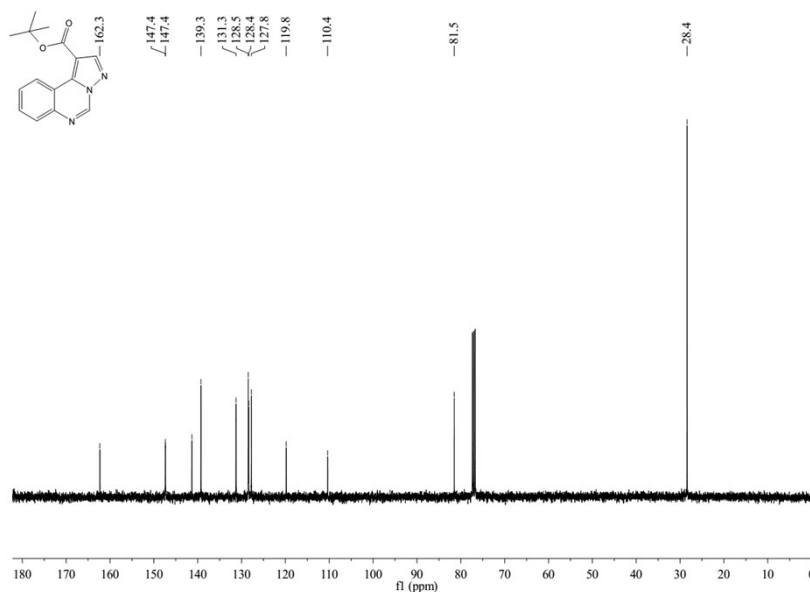
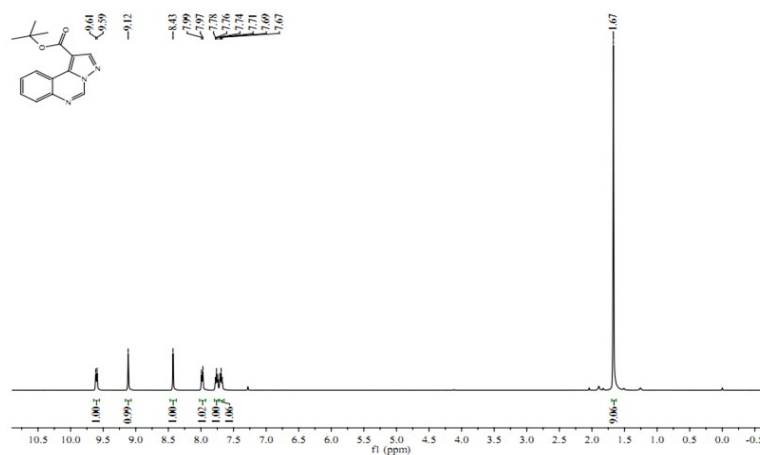
## Supporting Information

**Copper-catalyzed [3+2] cycloaddition reaction: Synthesis of substituted pyrazolo[1,5-c]quinazolines with N-iminoquinazolinium ylide and olefin as starting materials**

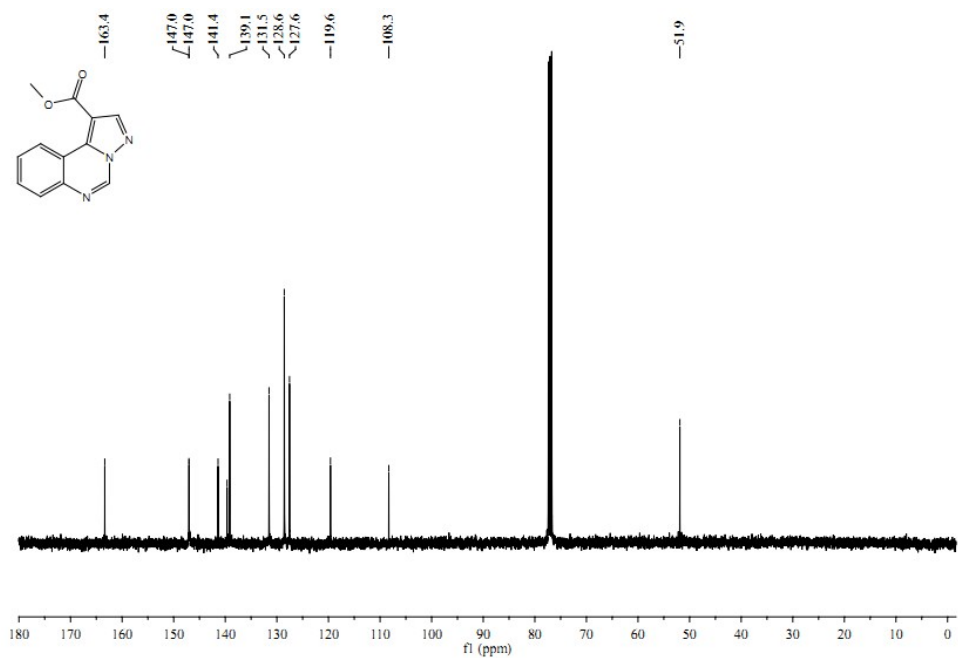
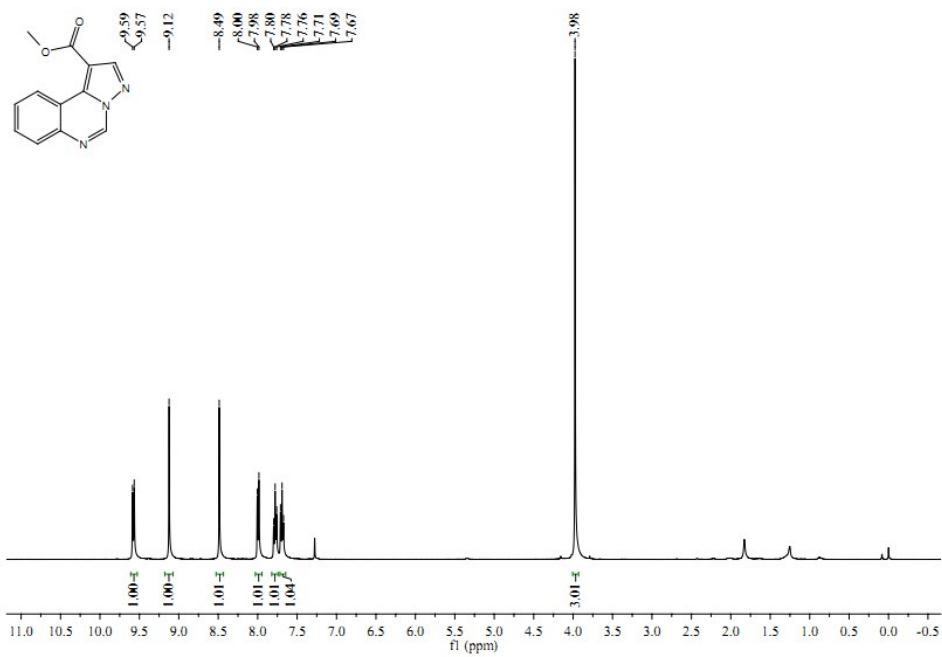
Haiyan Feng, Tao Wang\*, Songtao Chen, Yangfei Huang, Weijie Yu, Yuanyuan Huang, Fei Xiong\*

### The $^1\text{H}$ NMR and $^{13}\text{C}$ NMR Spectra of Compounds 3aa-3ea

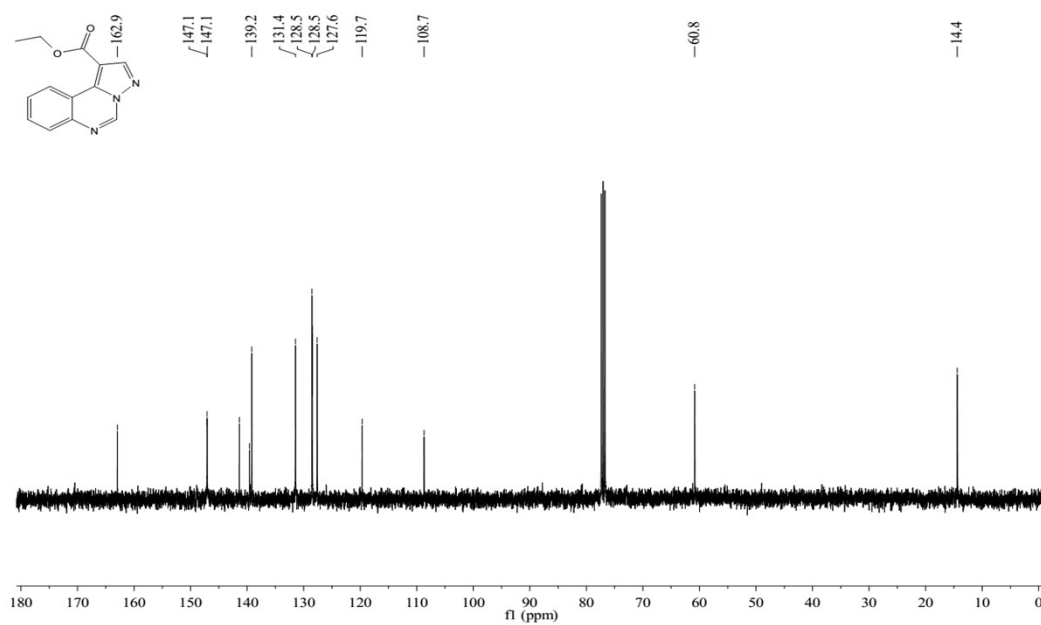
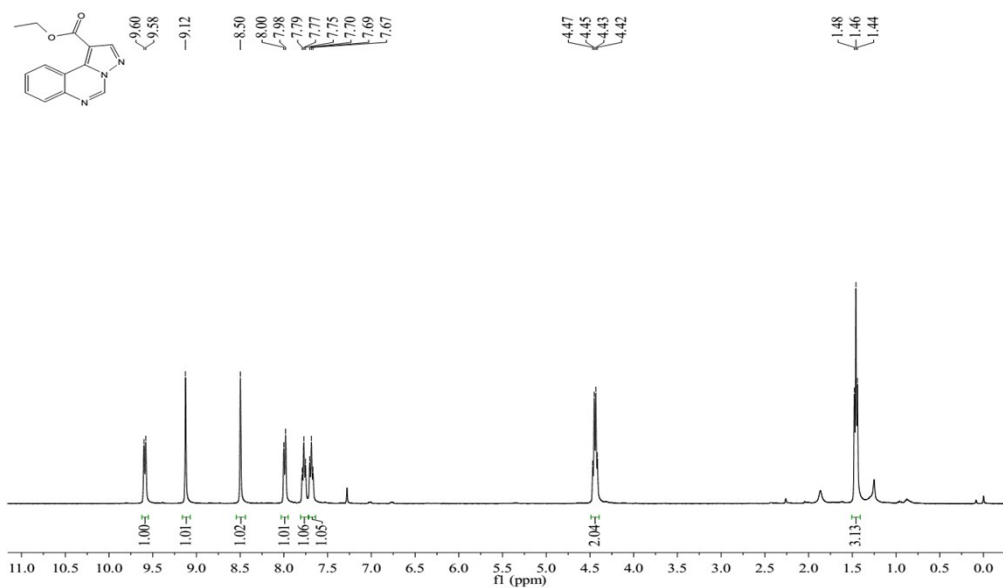
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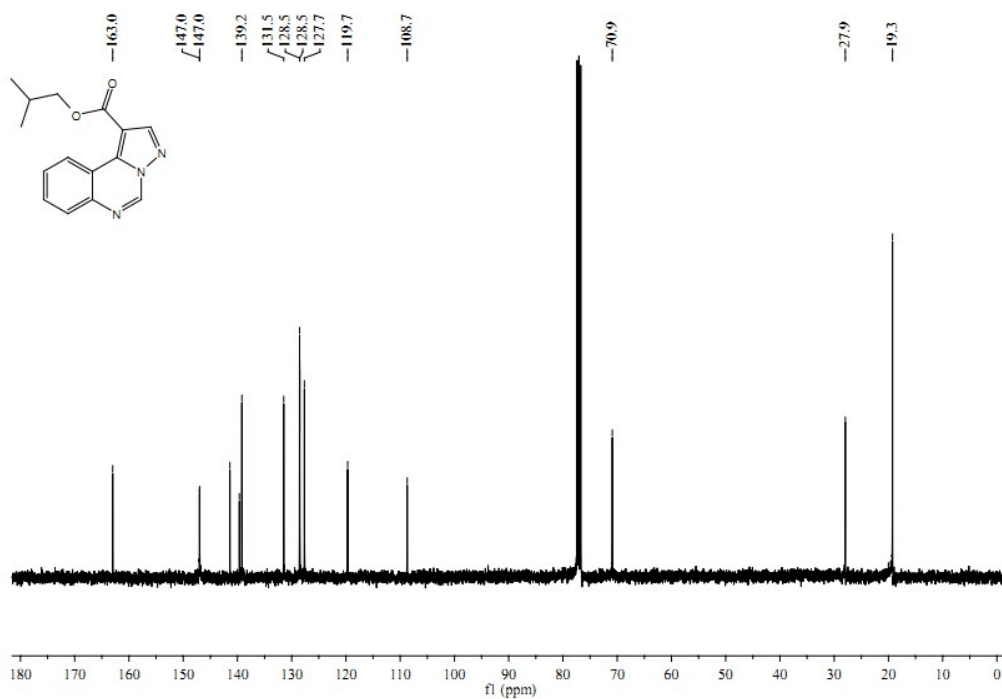
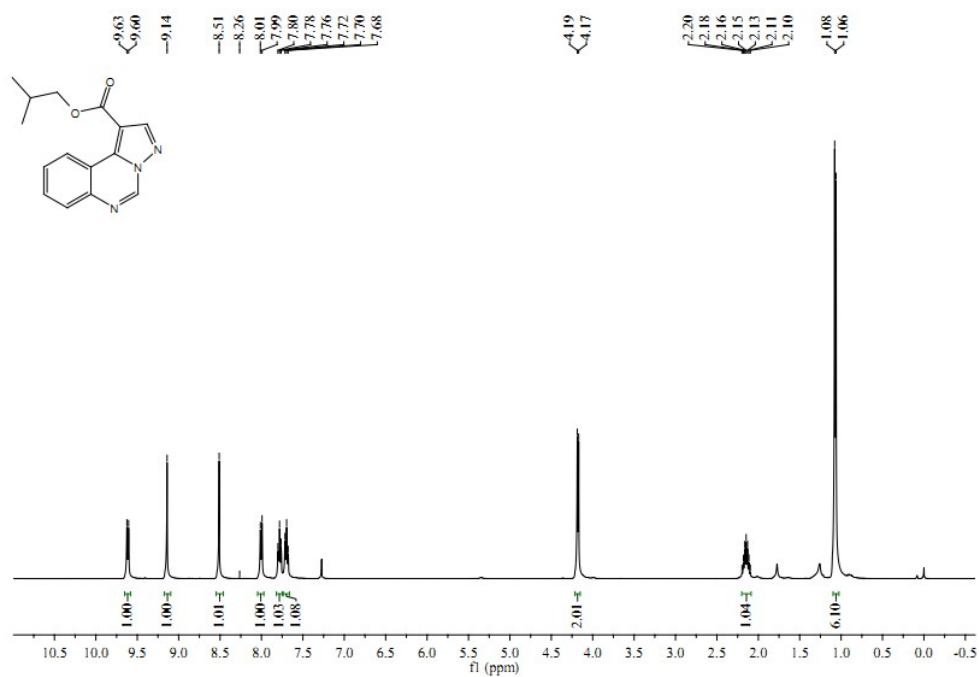
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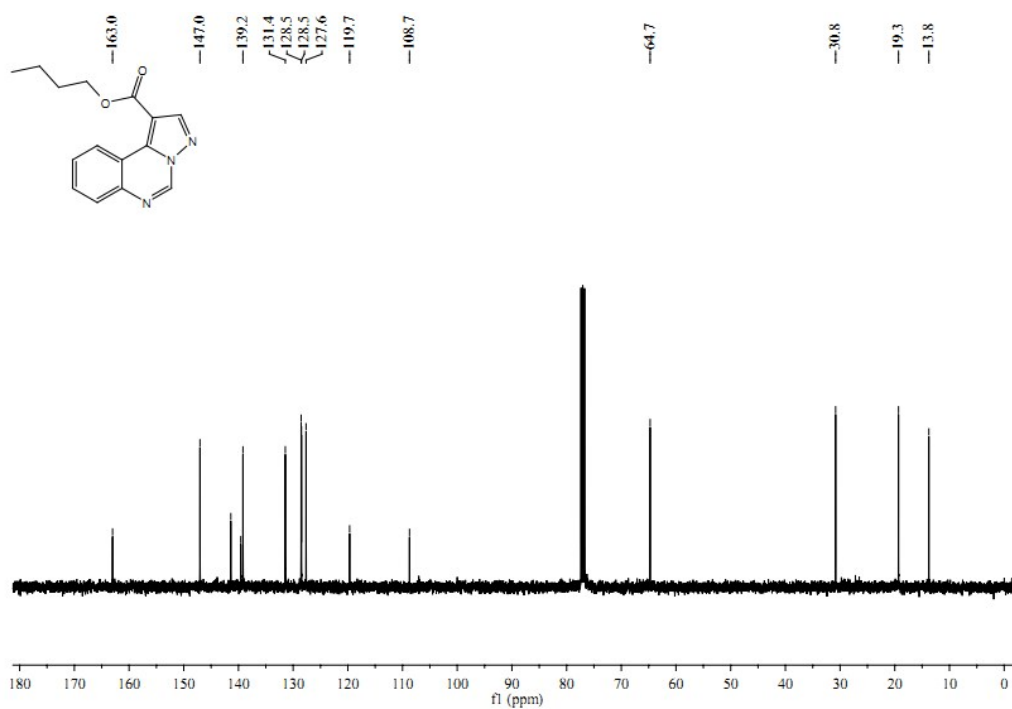
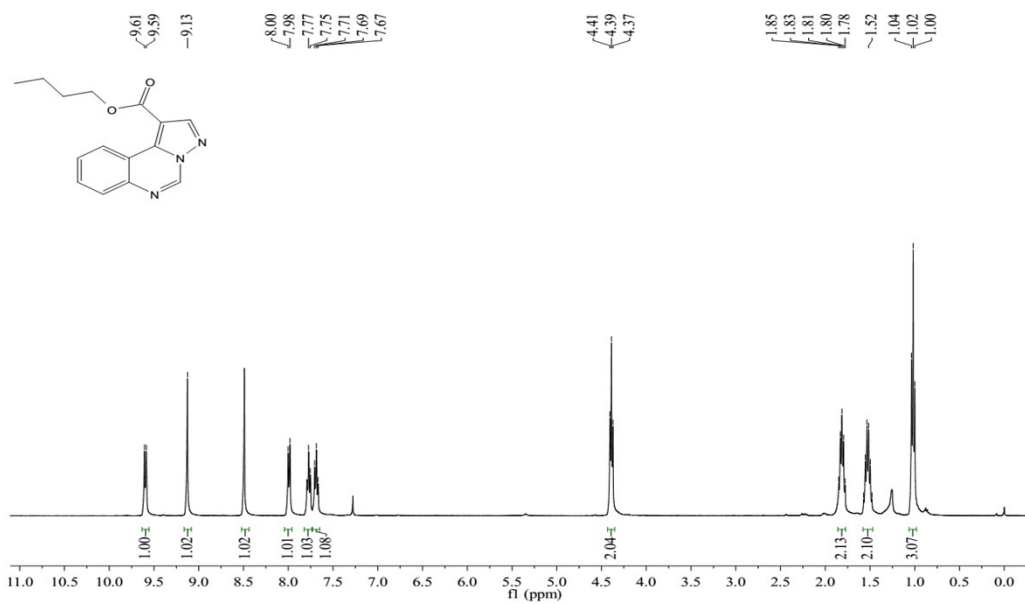
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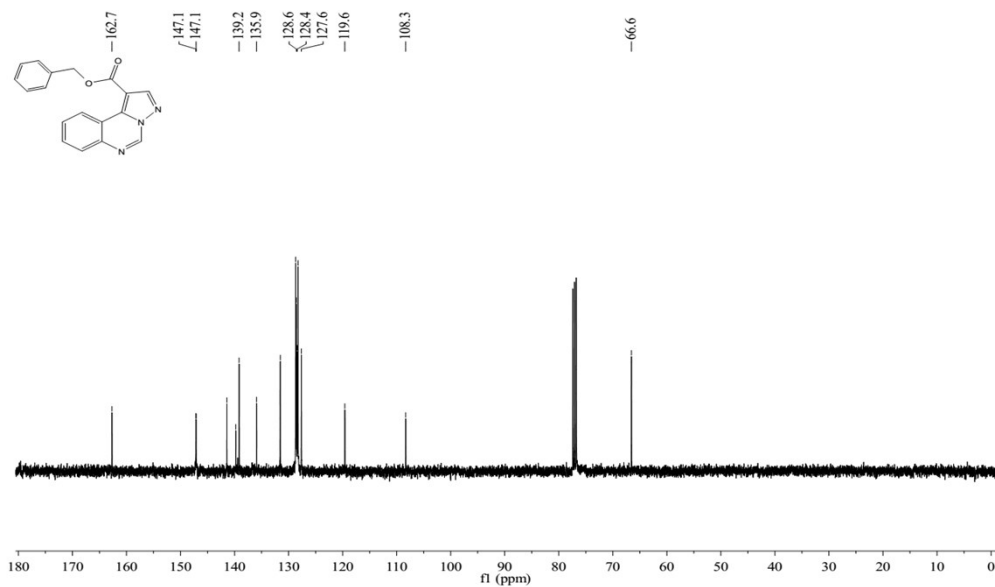
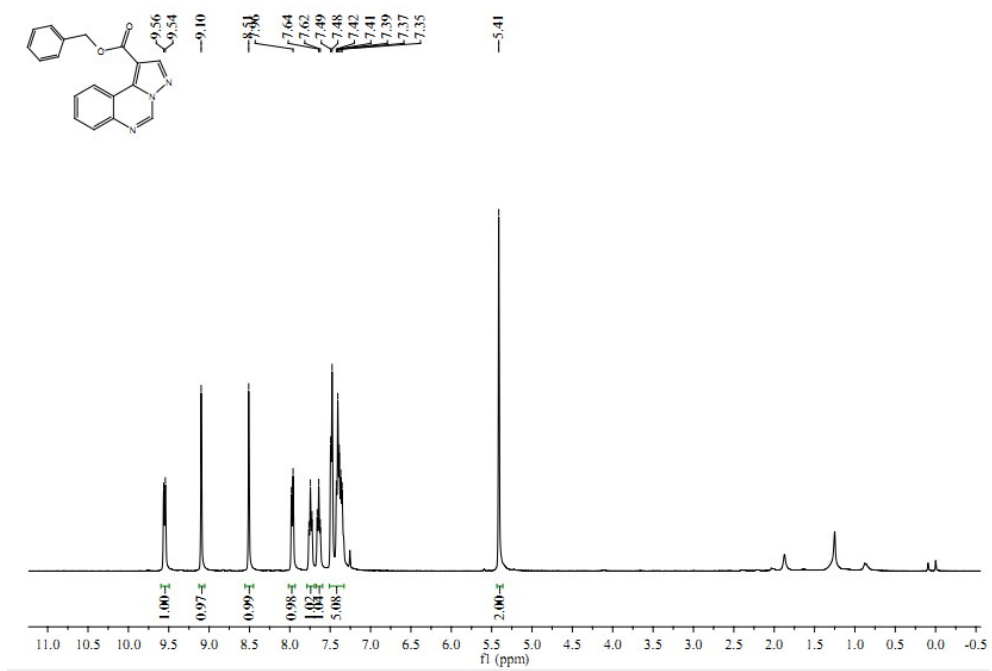
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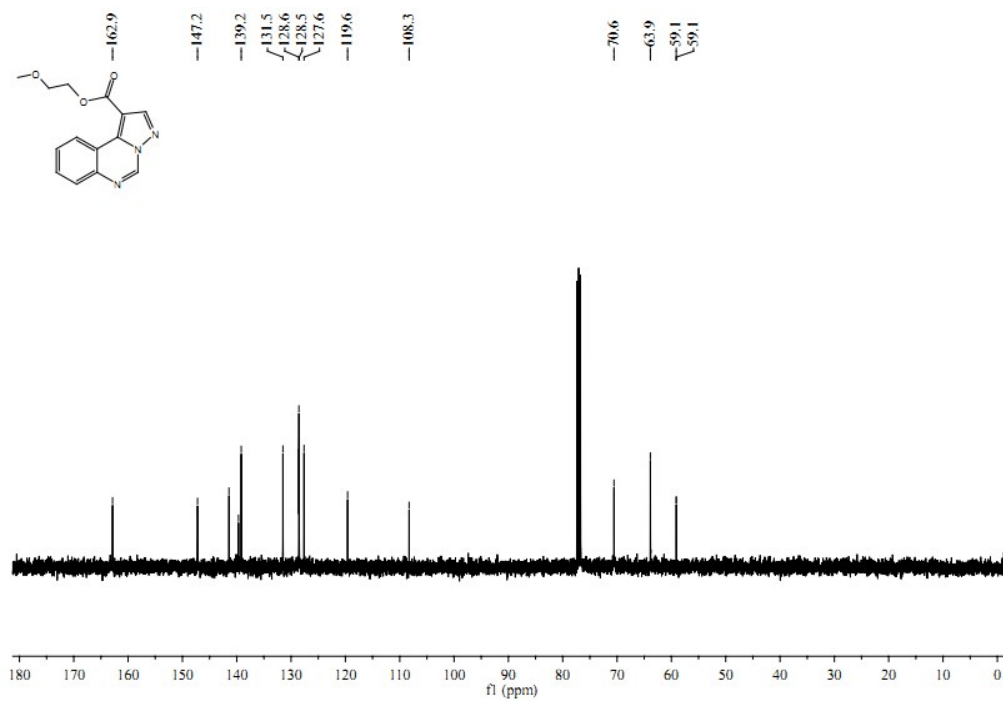
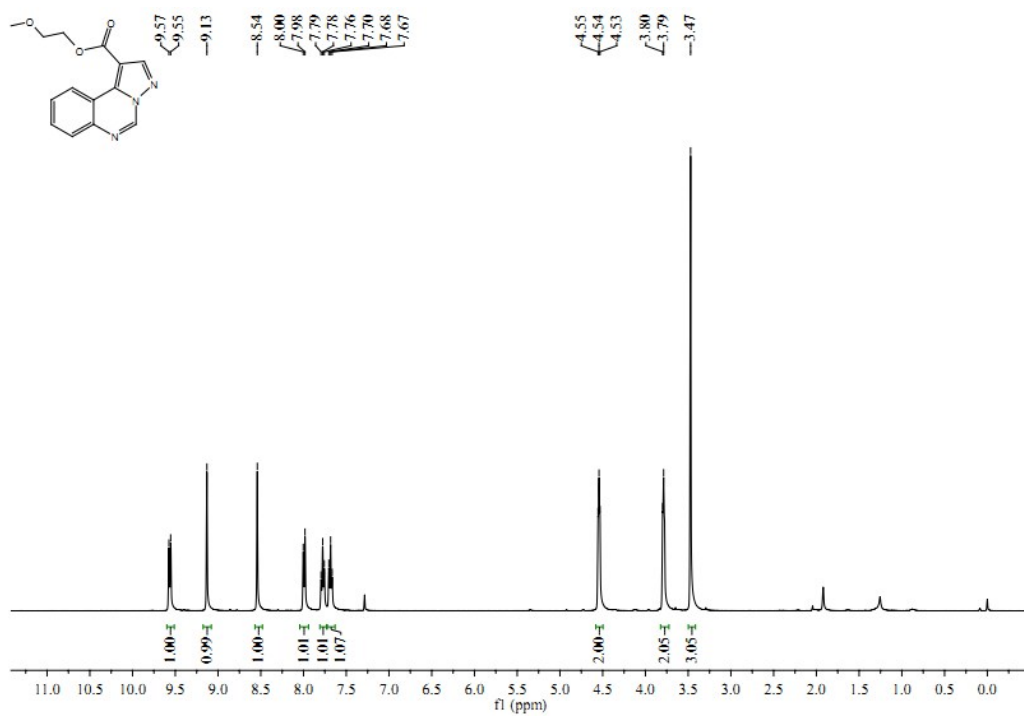
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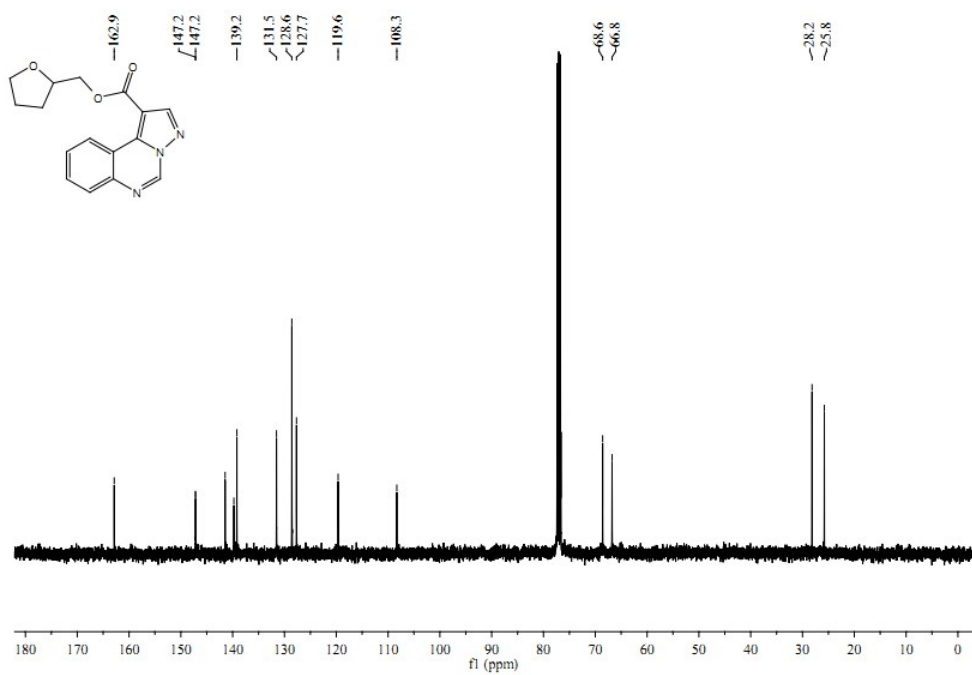
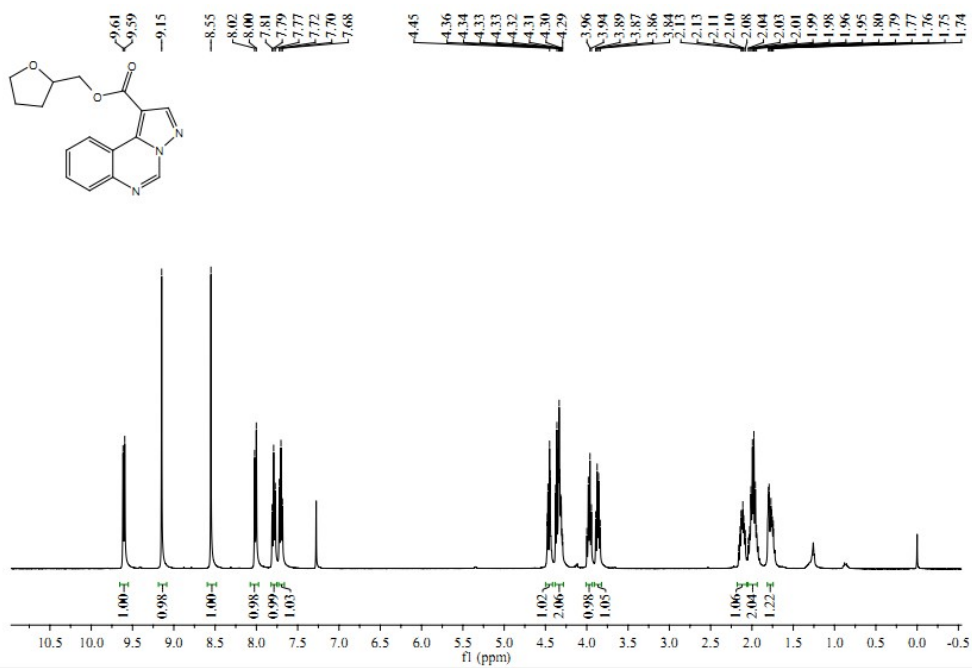
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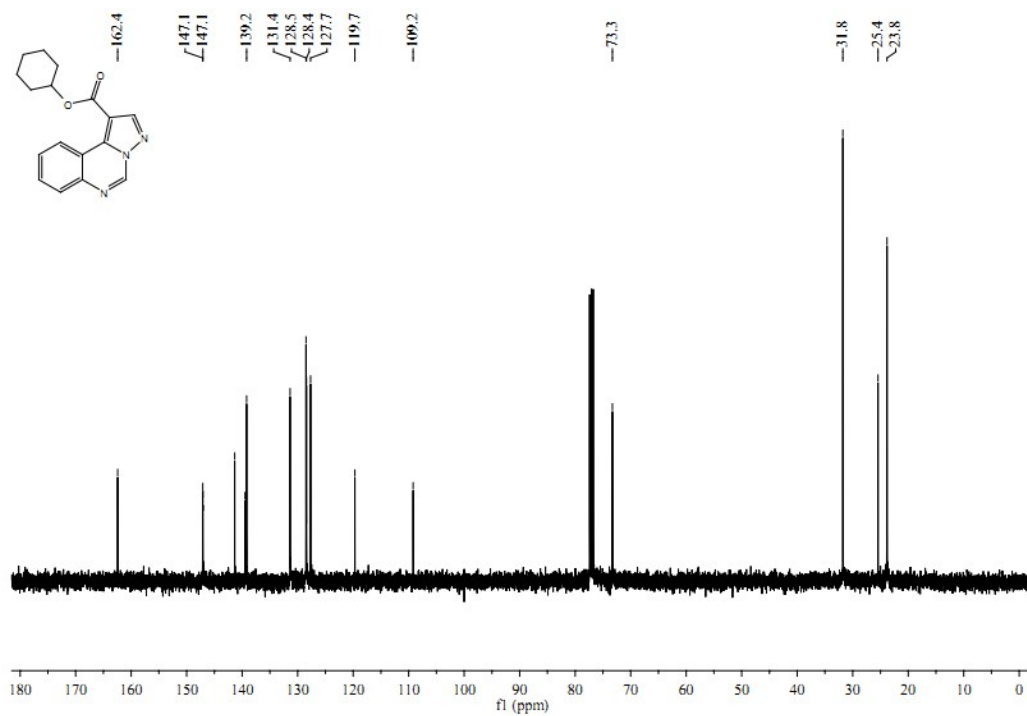
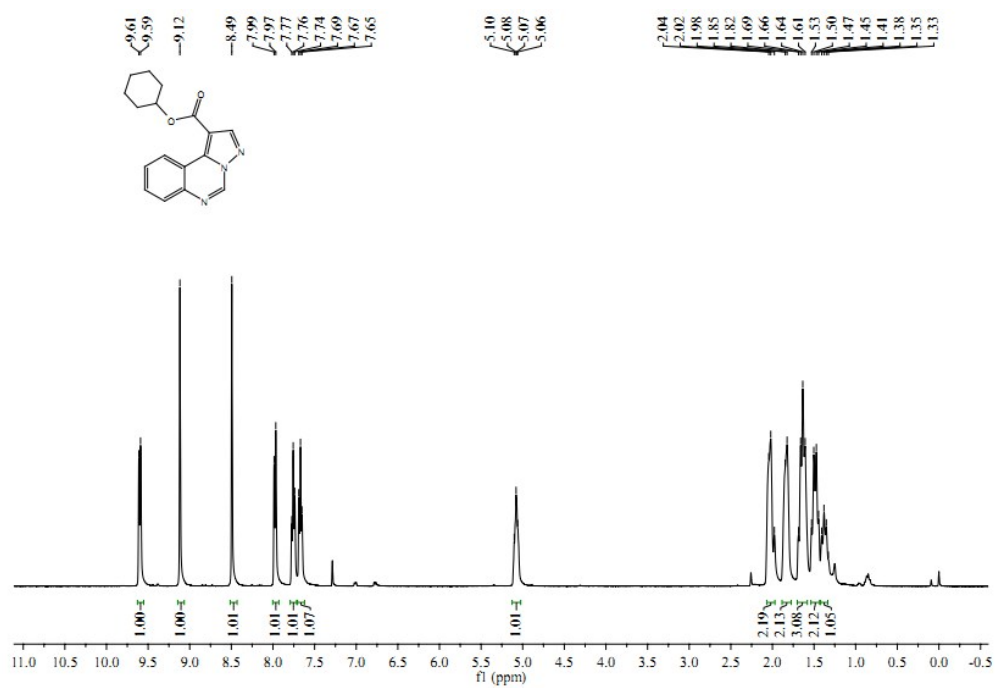


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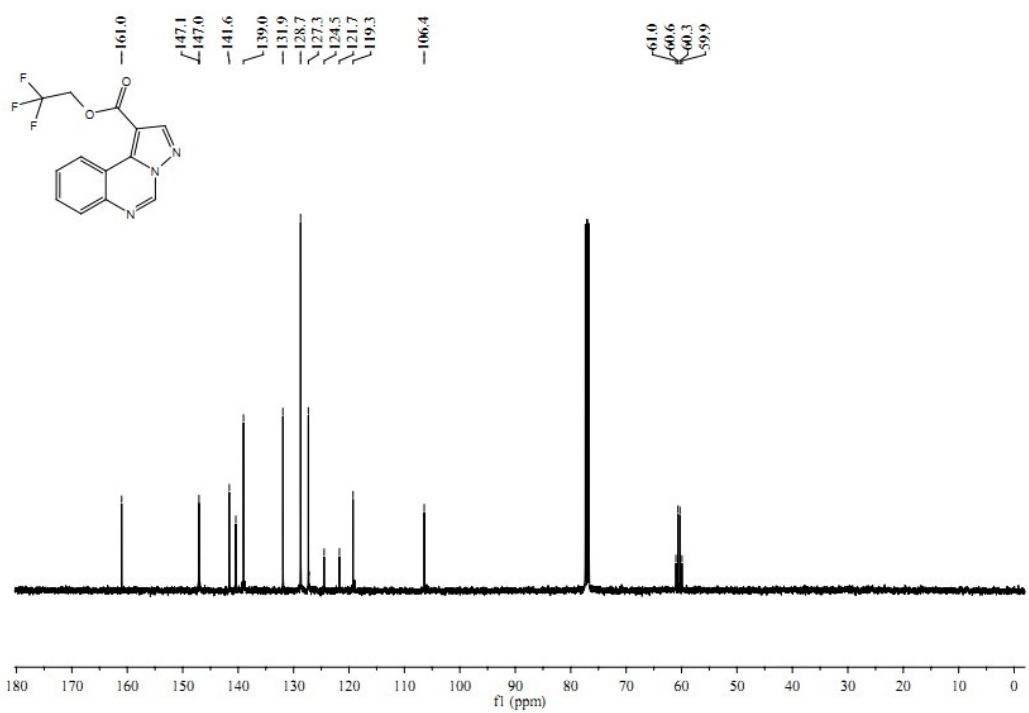
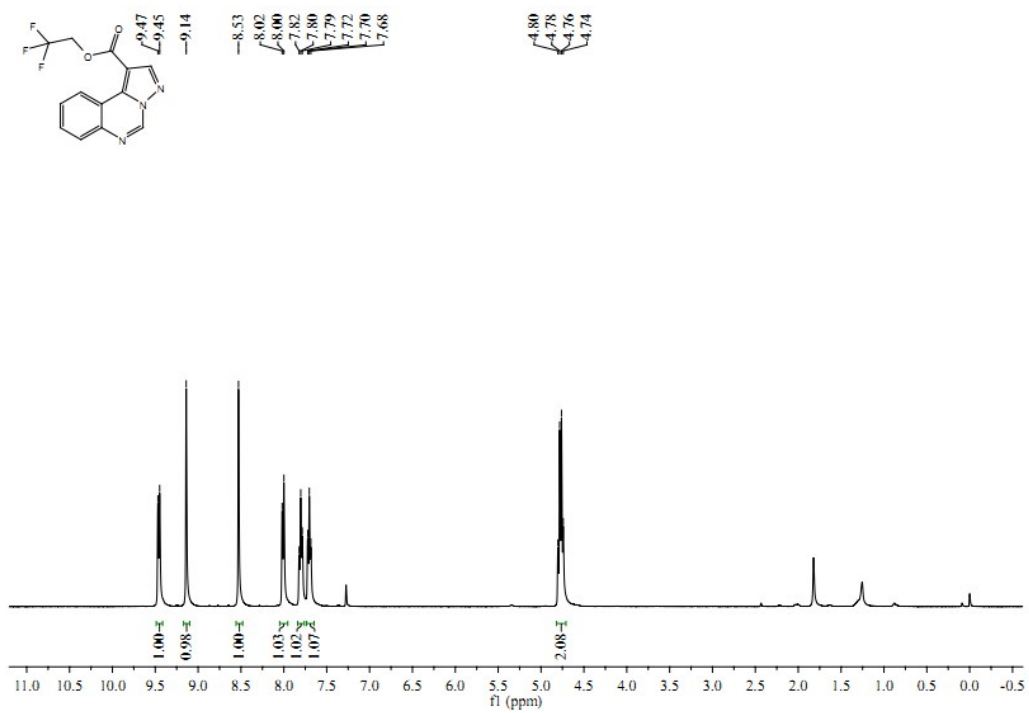




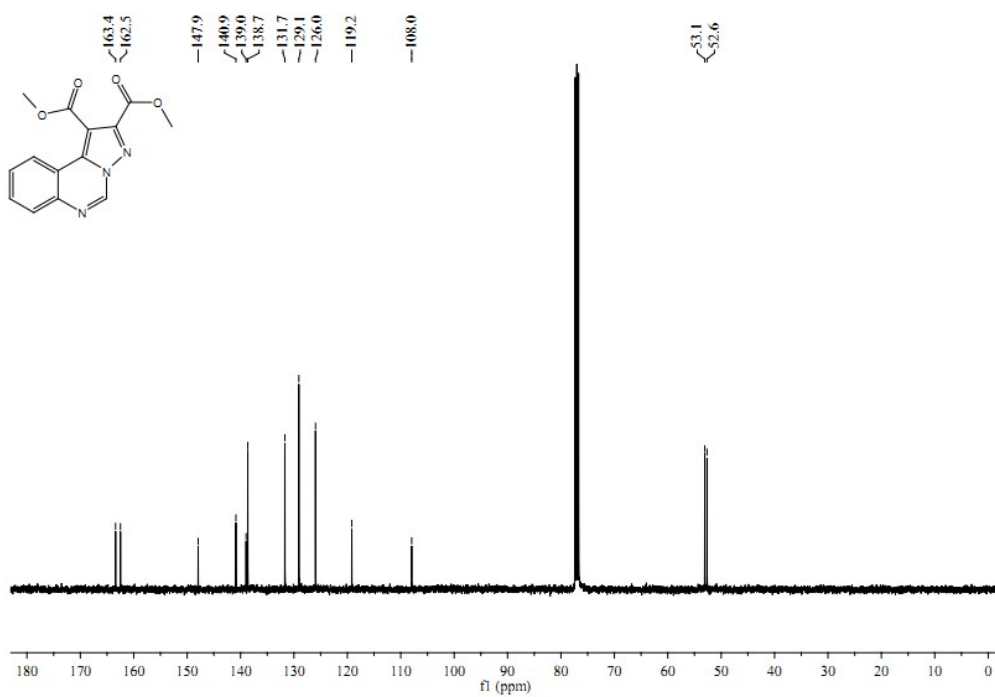
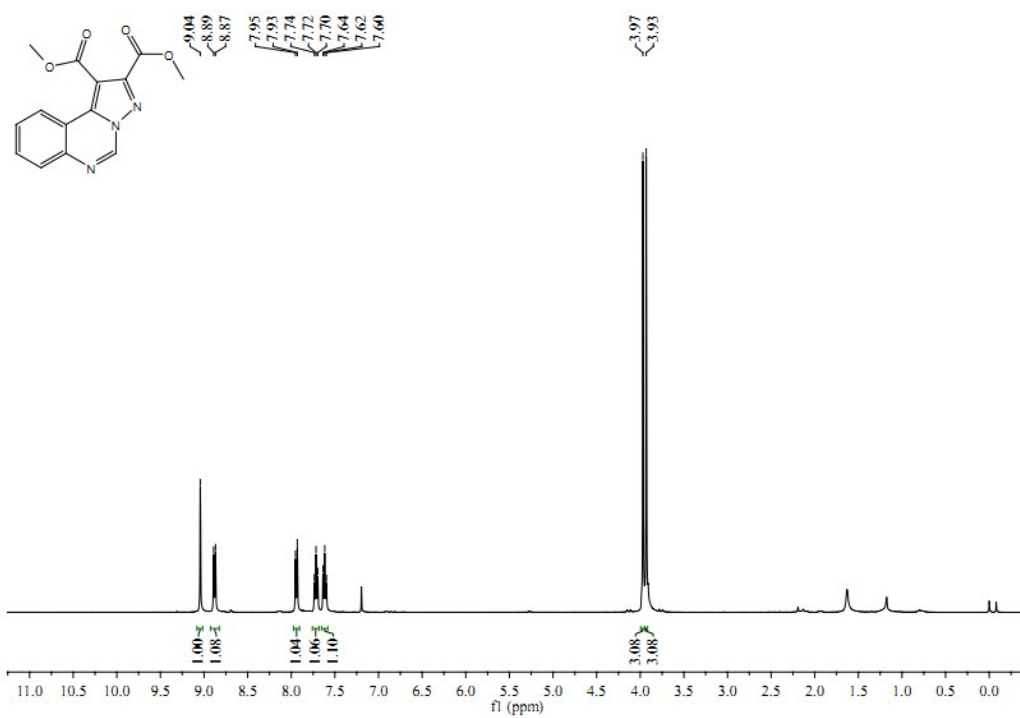
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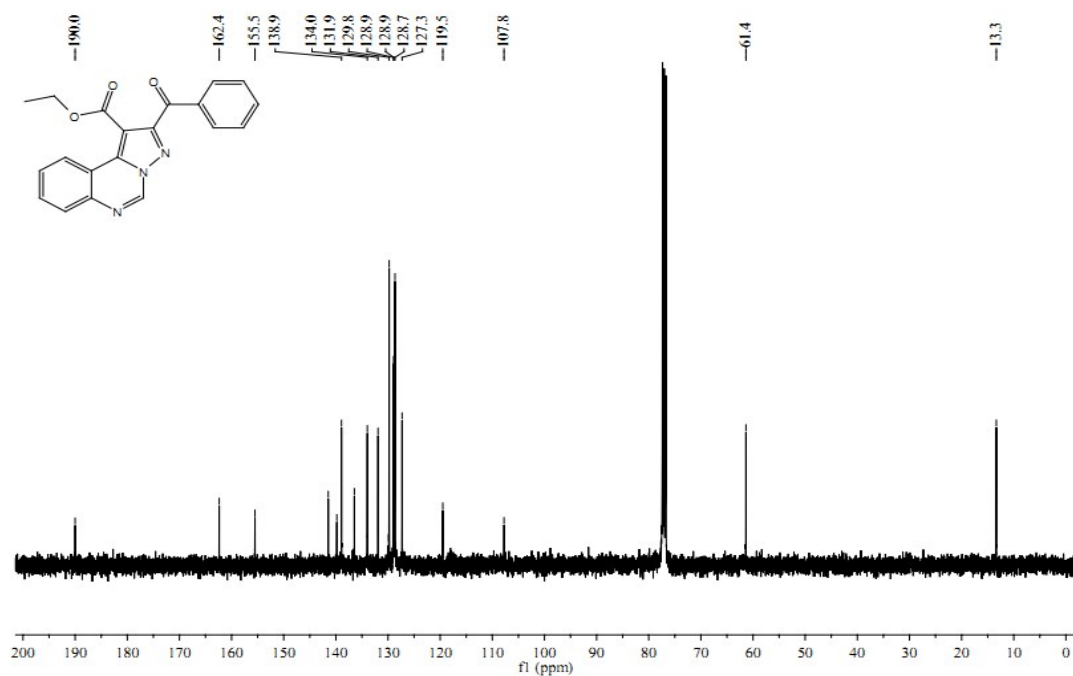
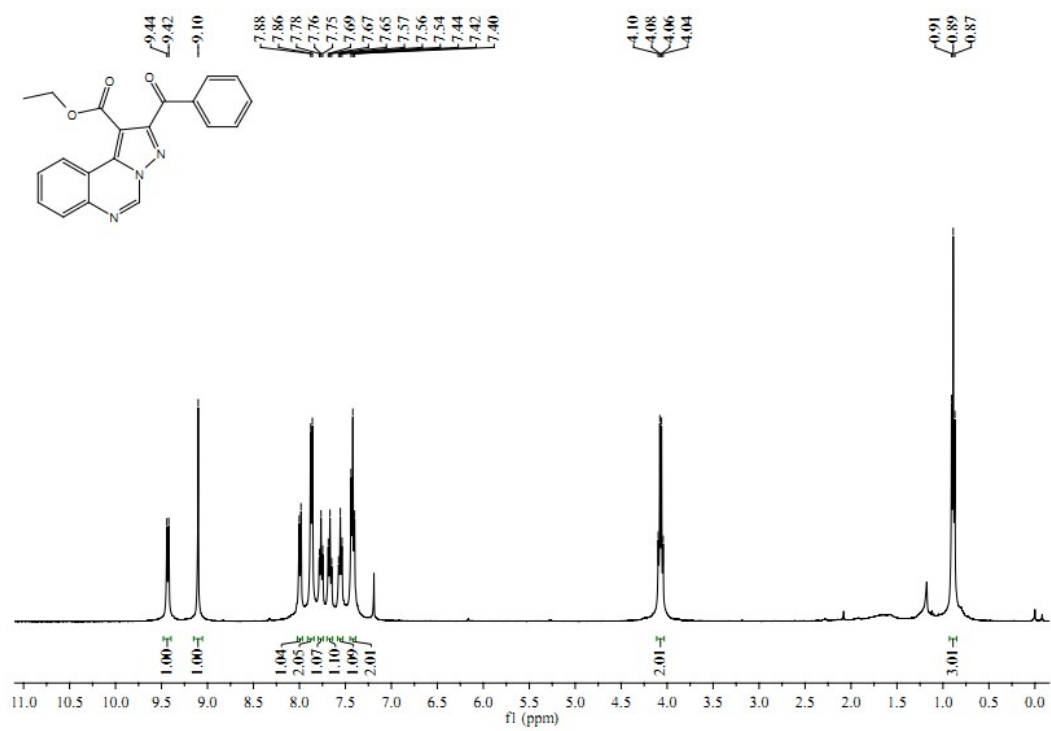
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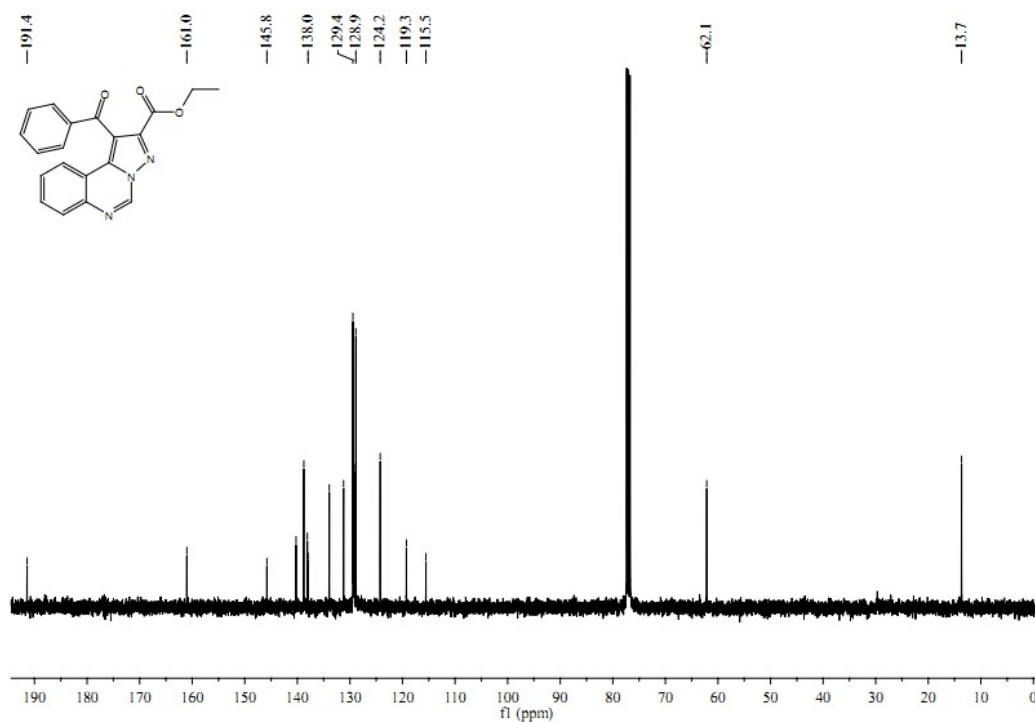
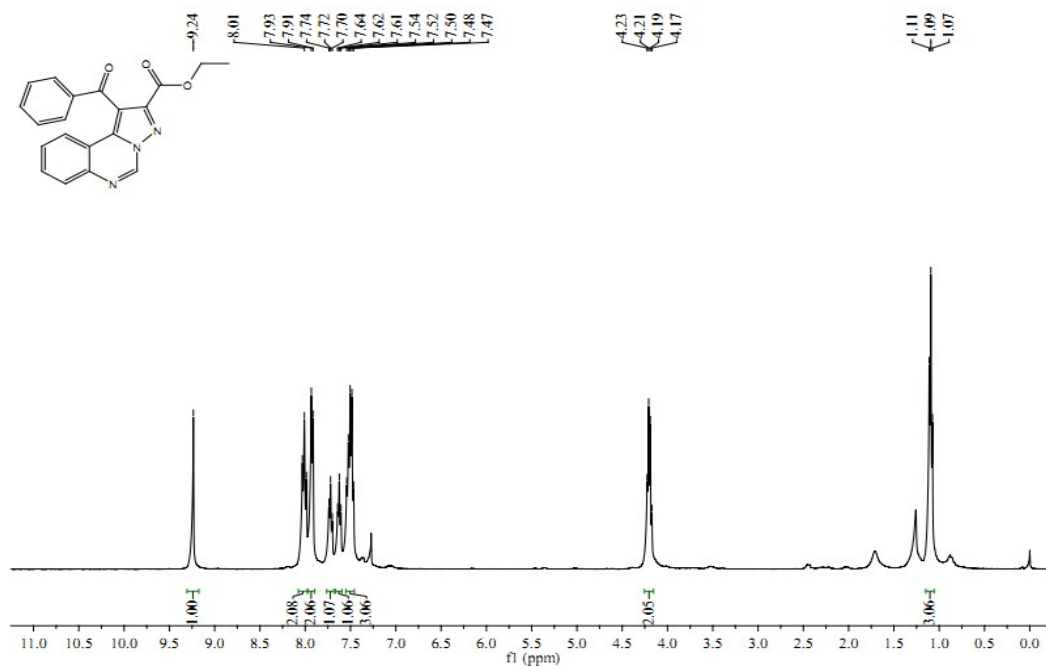
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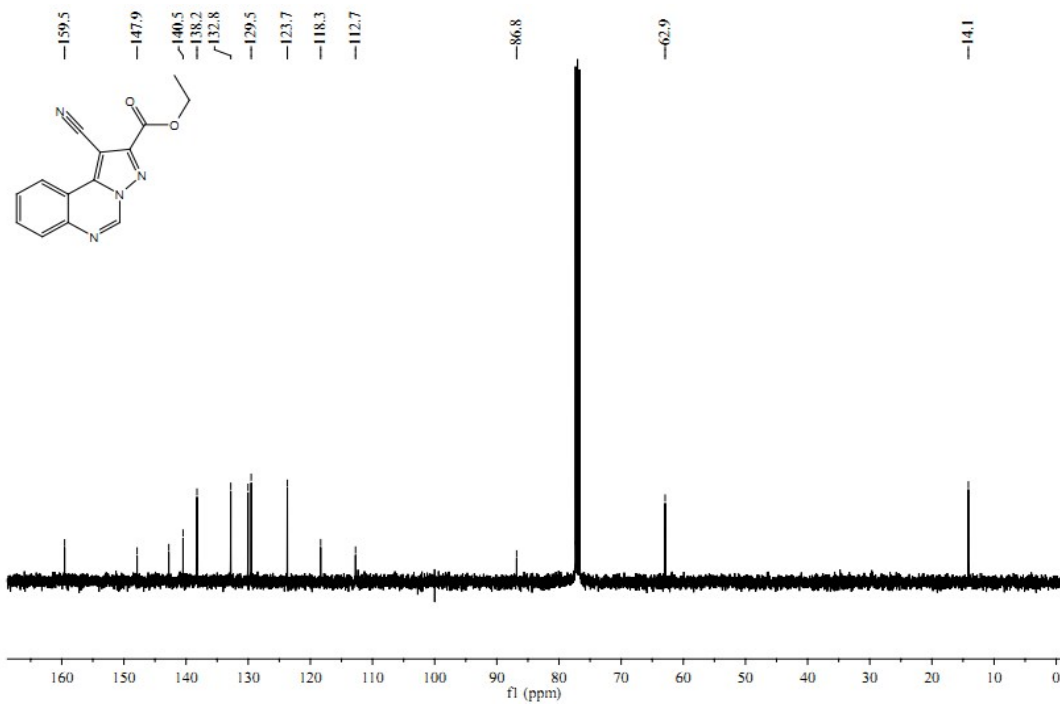
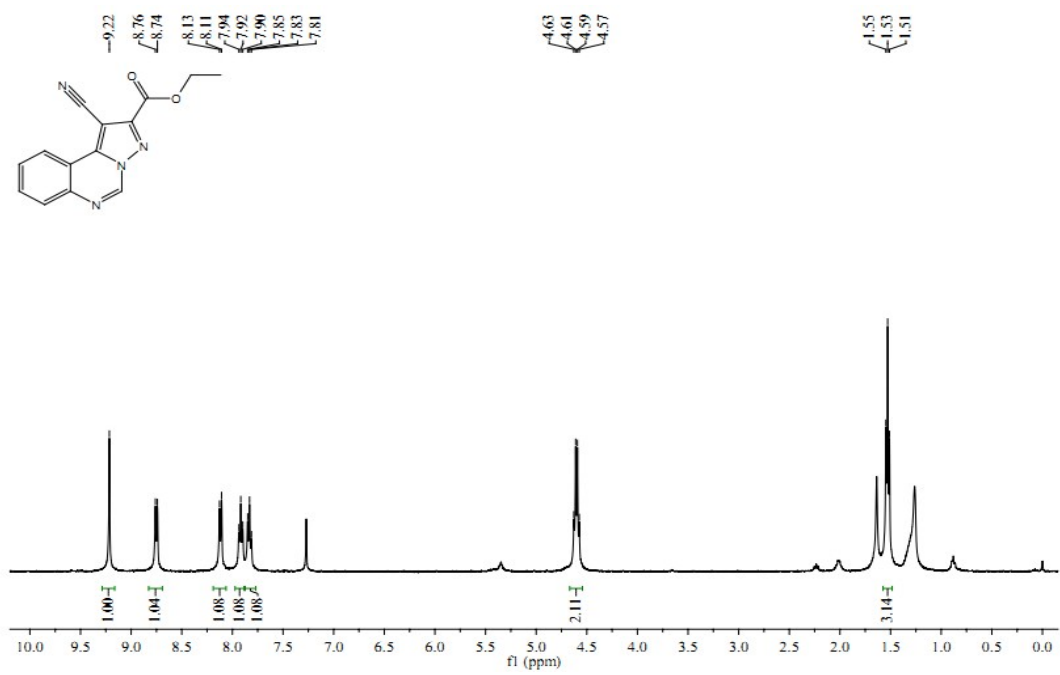
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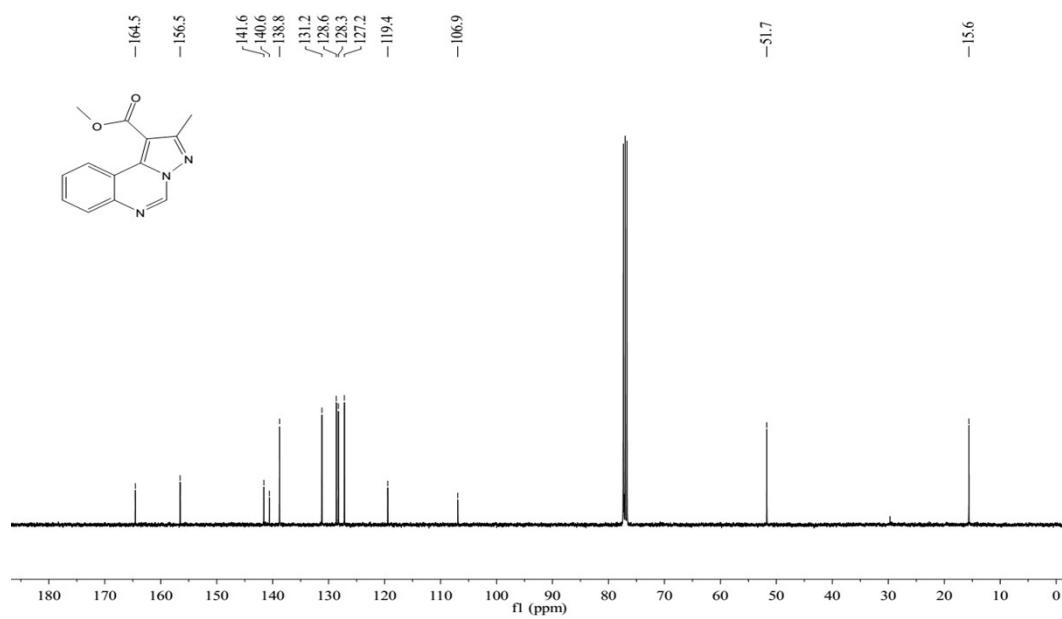
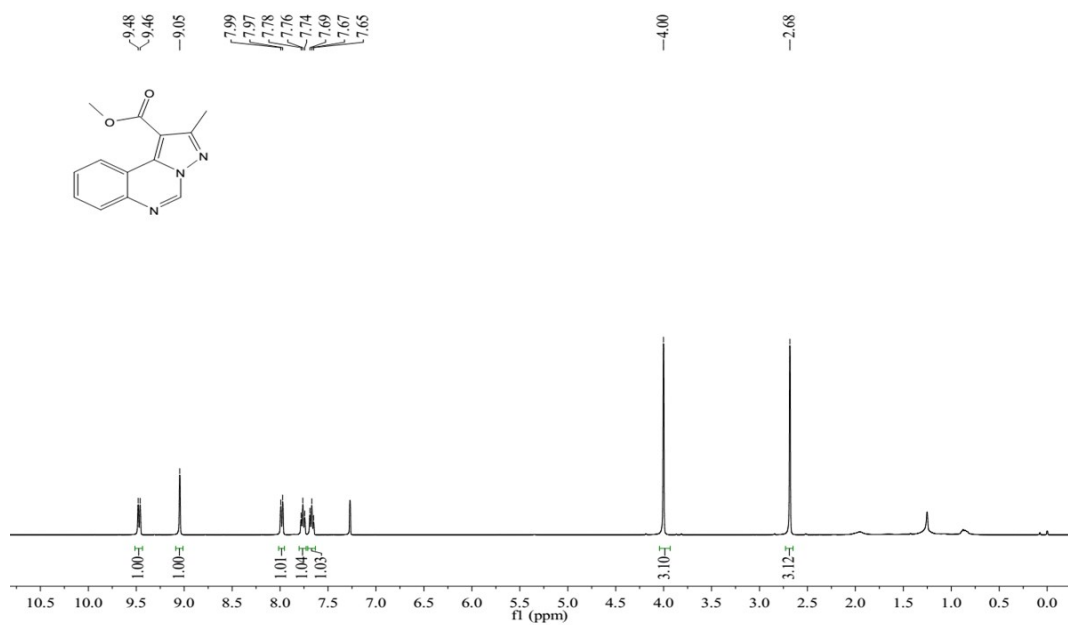
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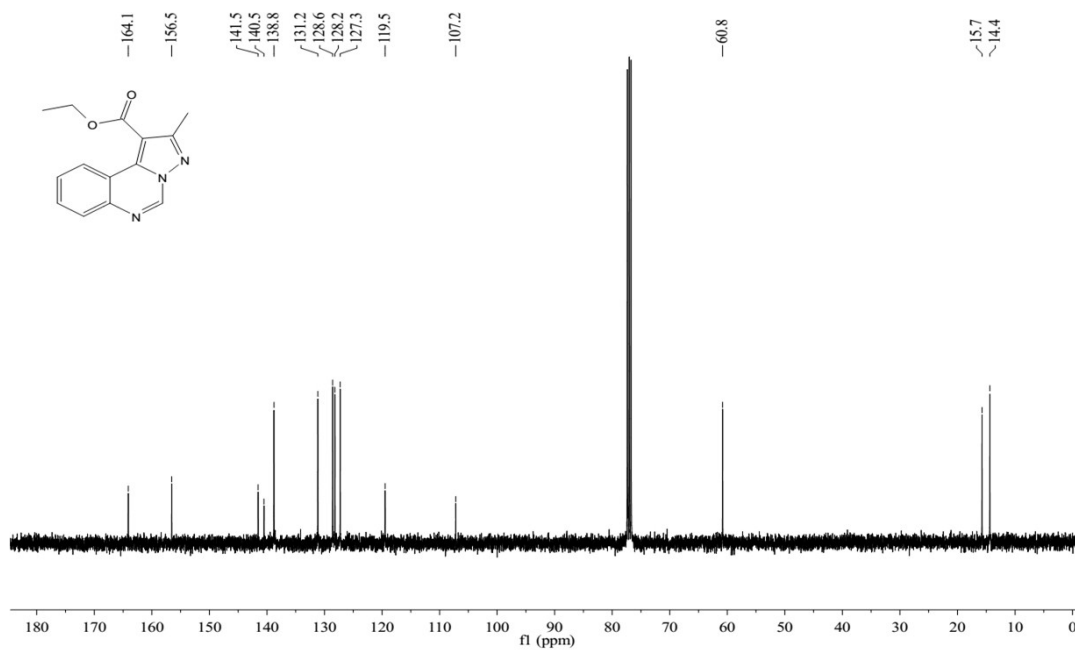
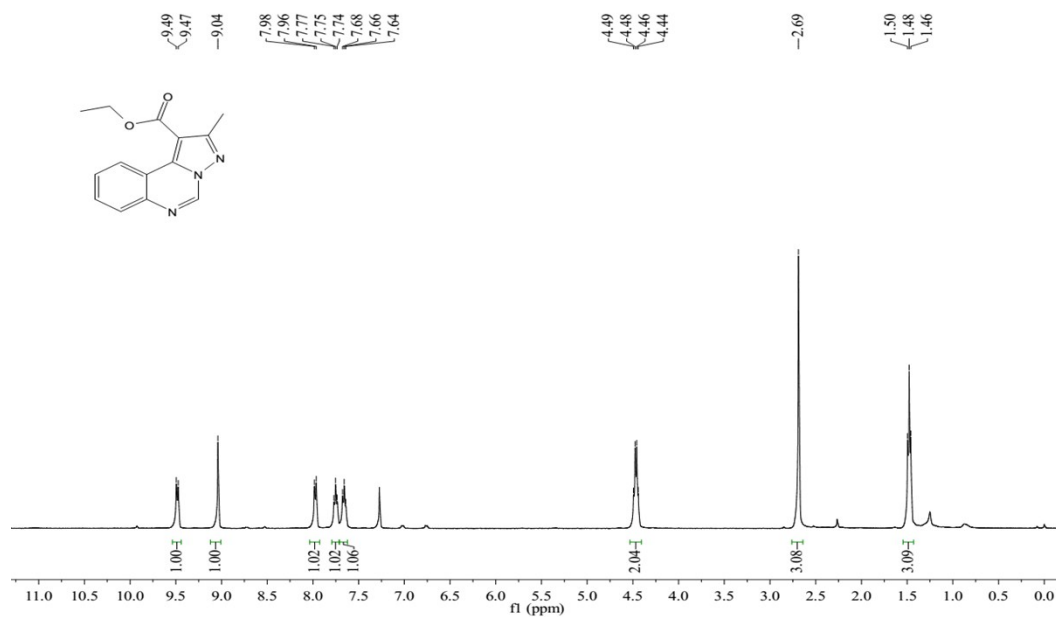
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**3an**

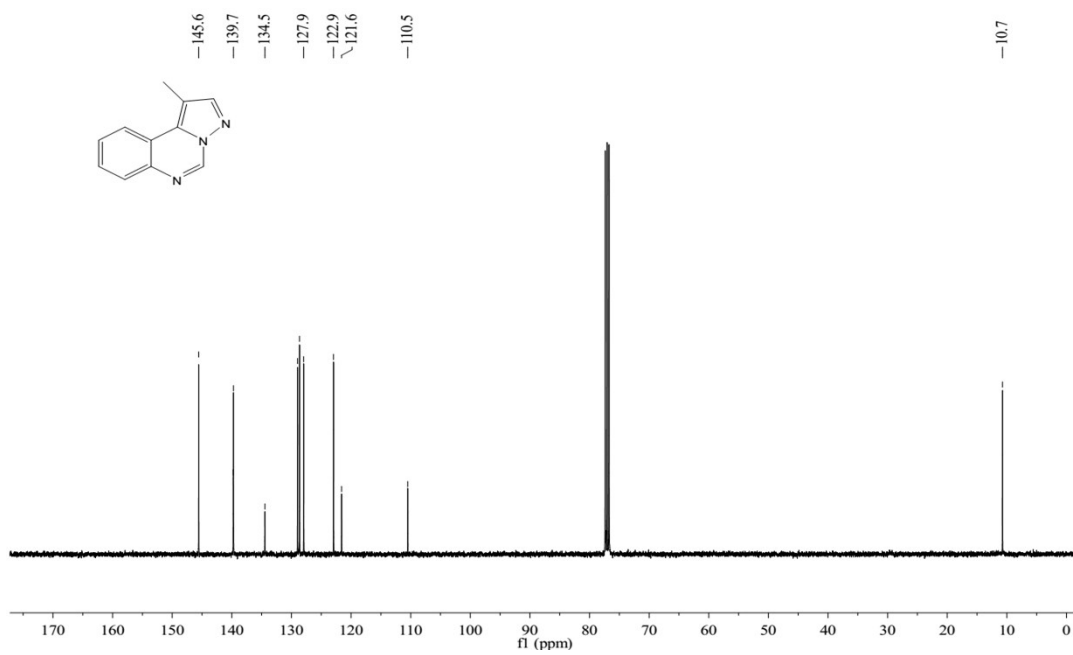
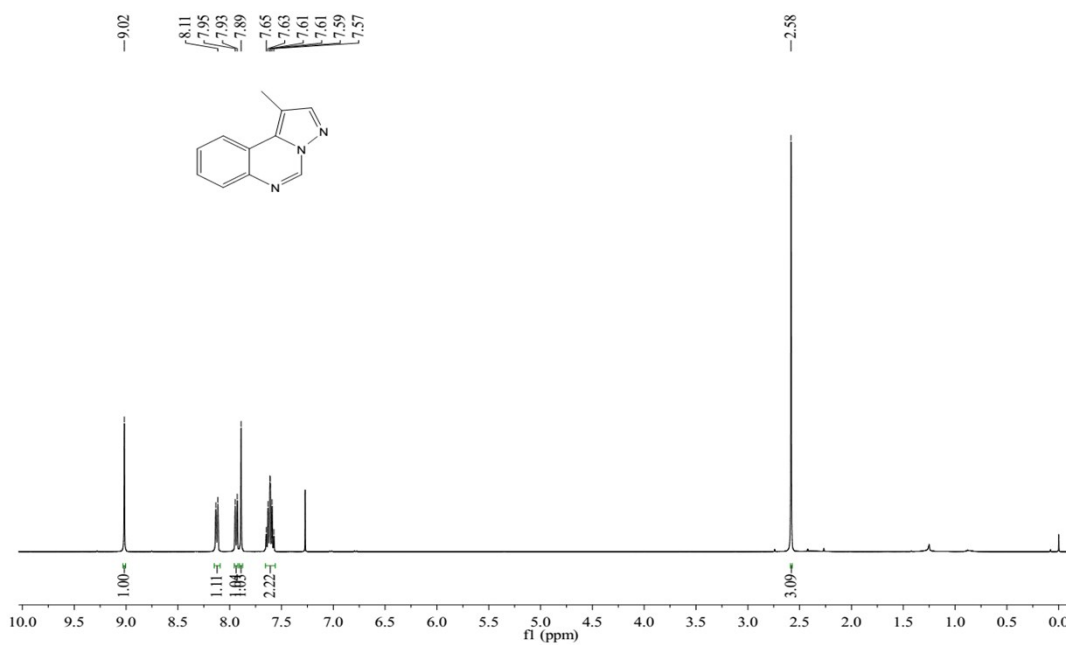


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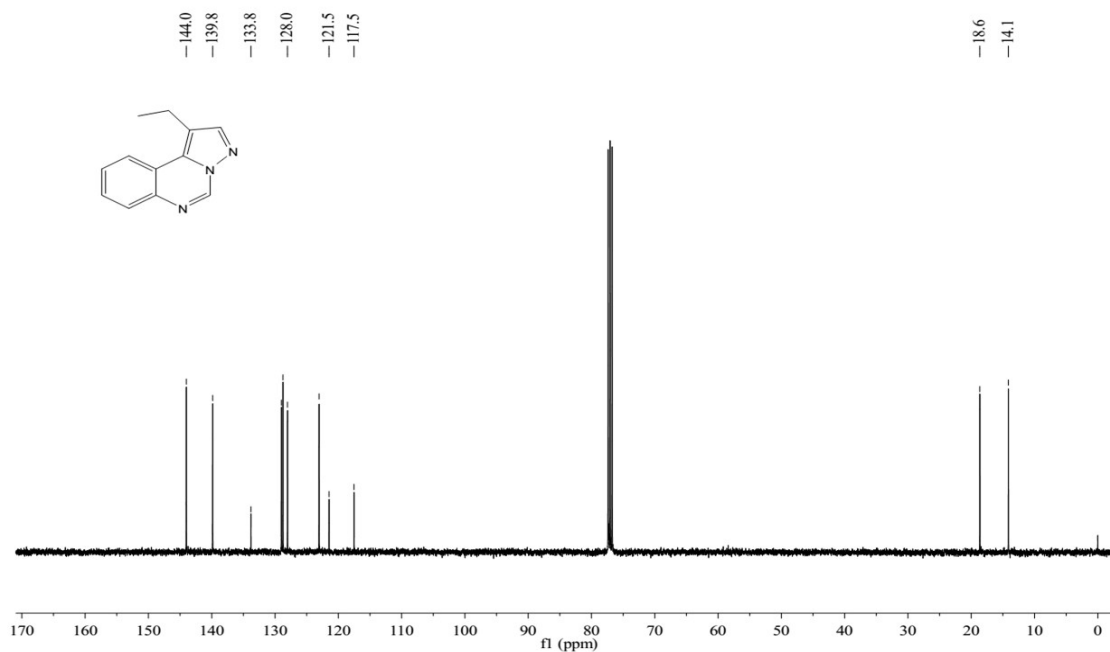
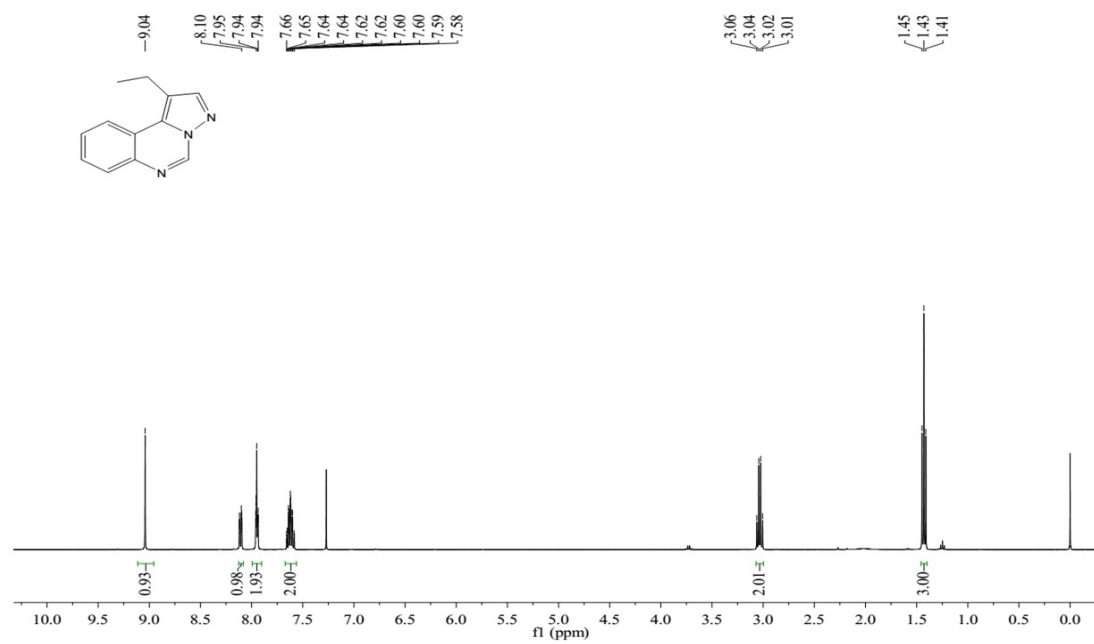




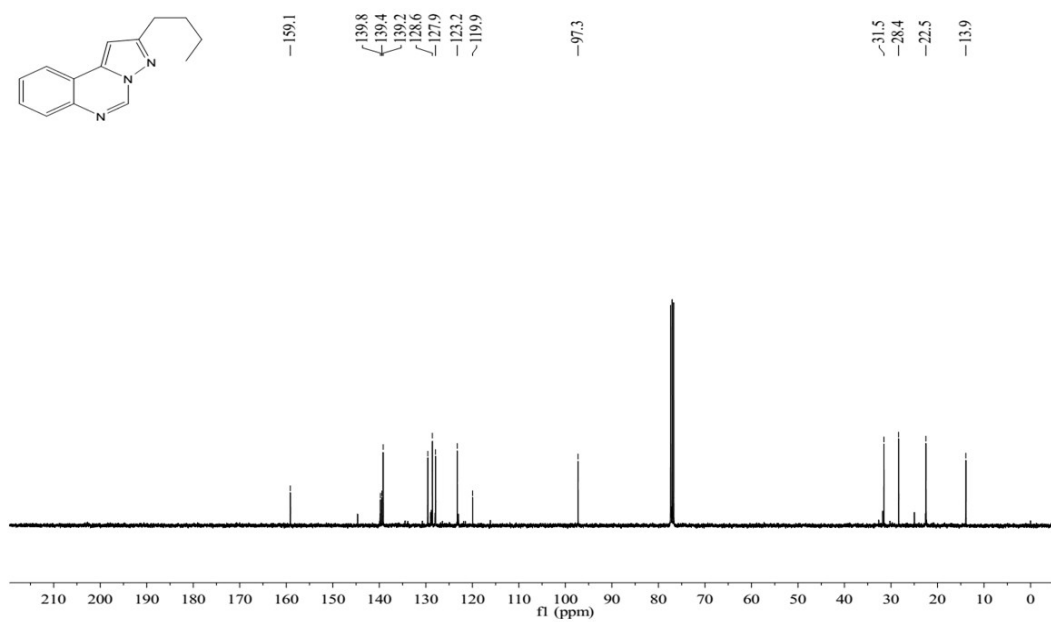
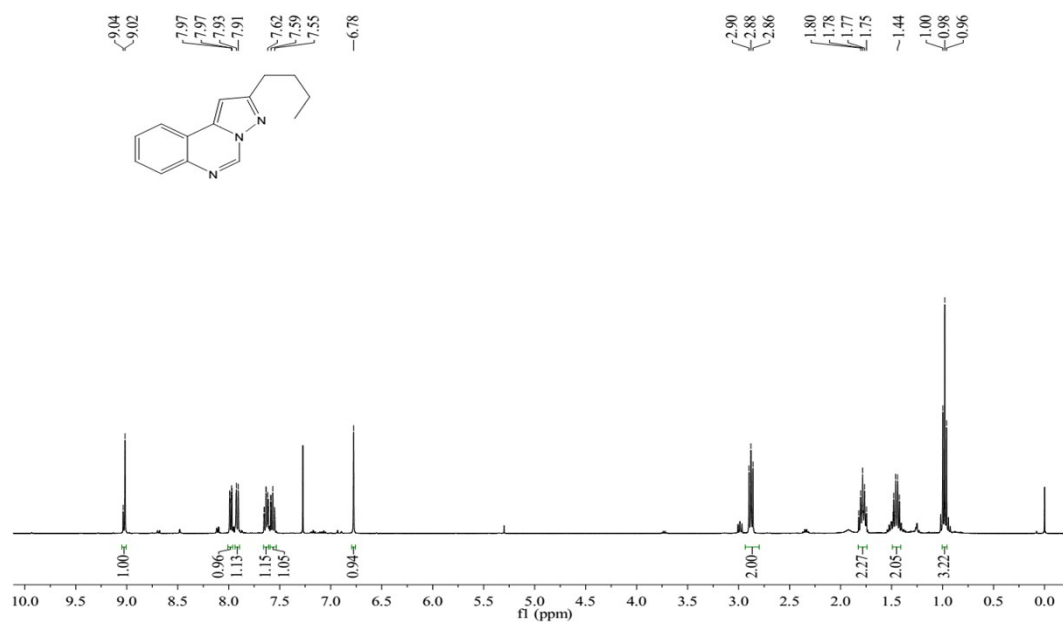
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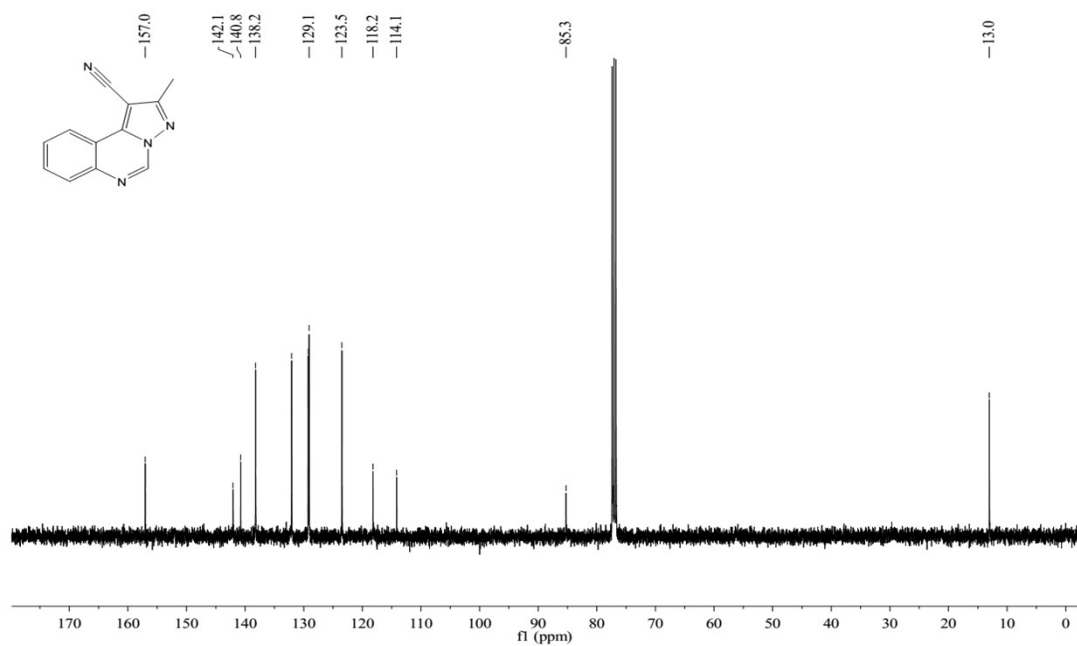
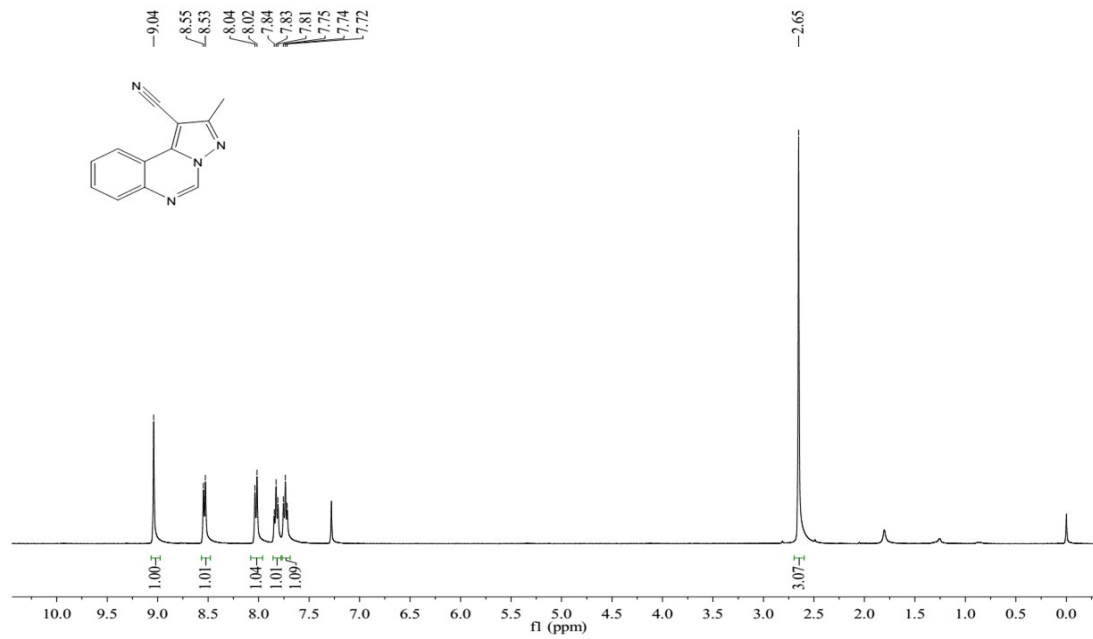
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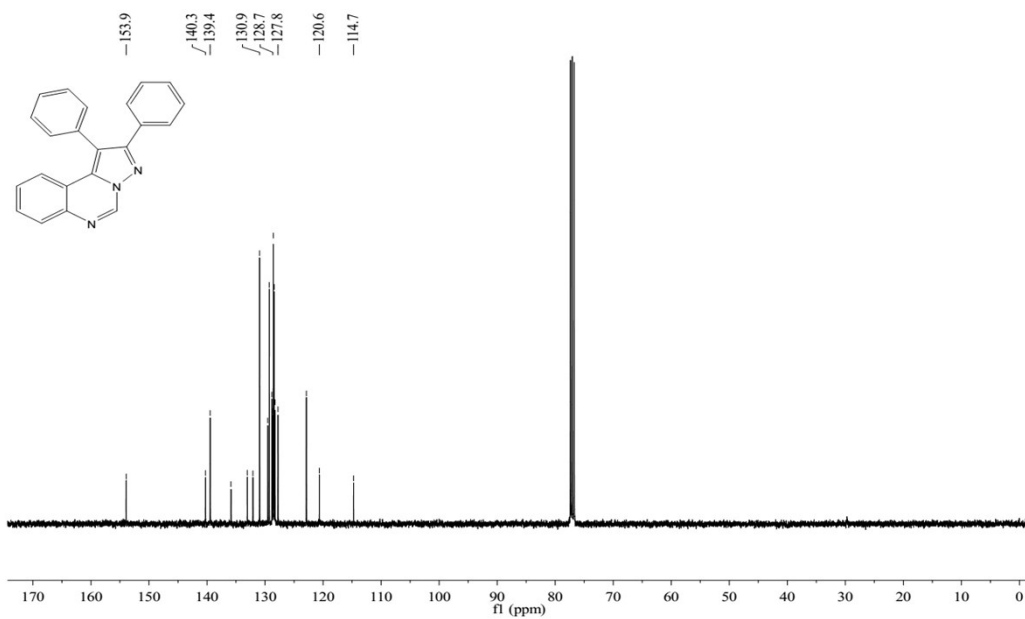
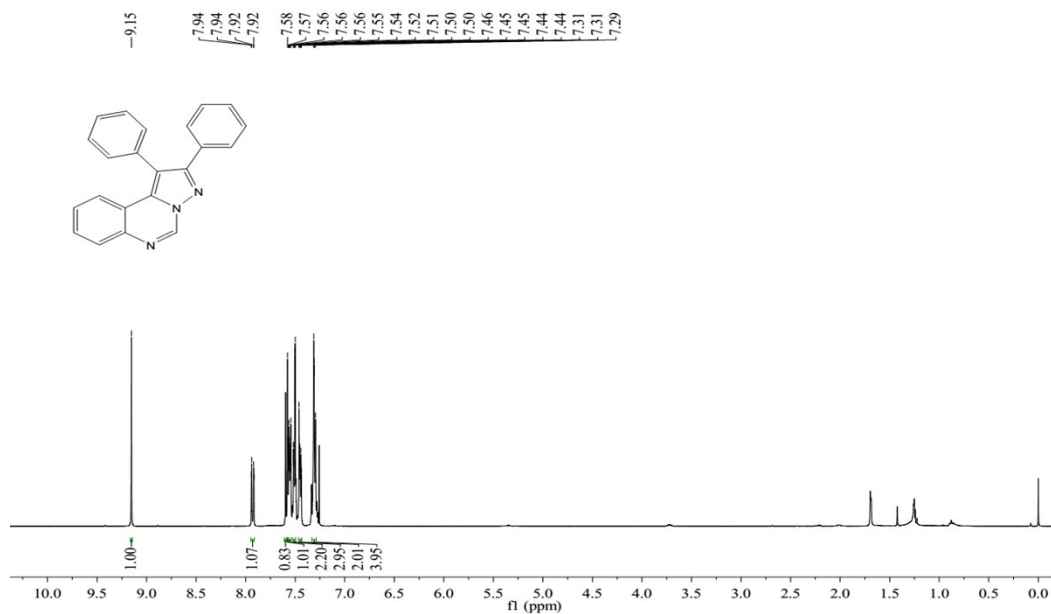
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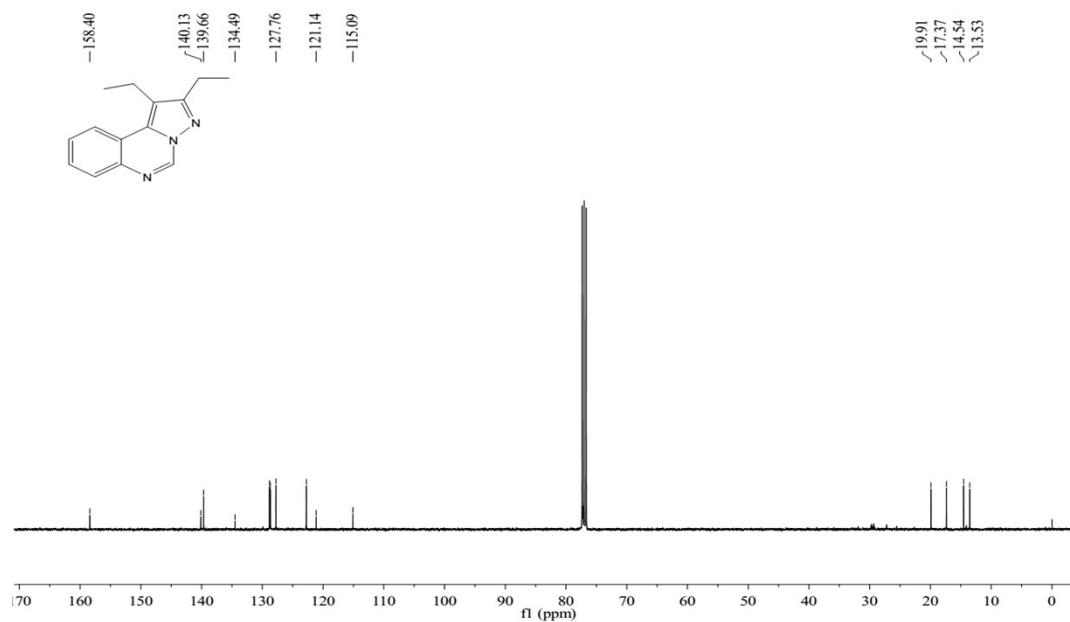
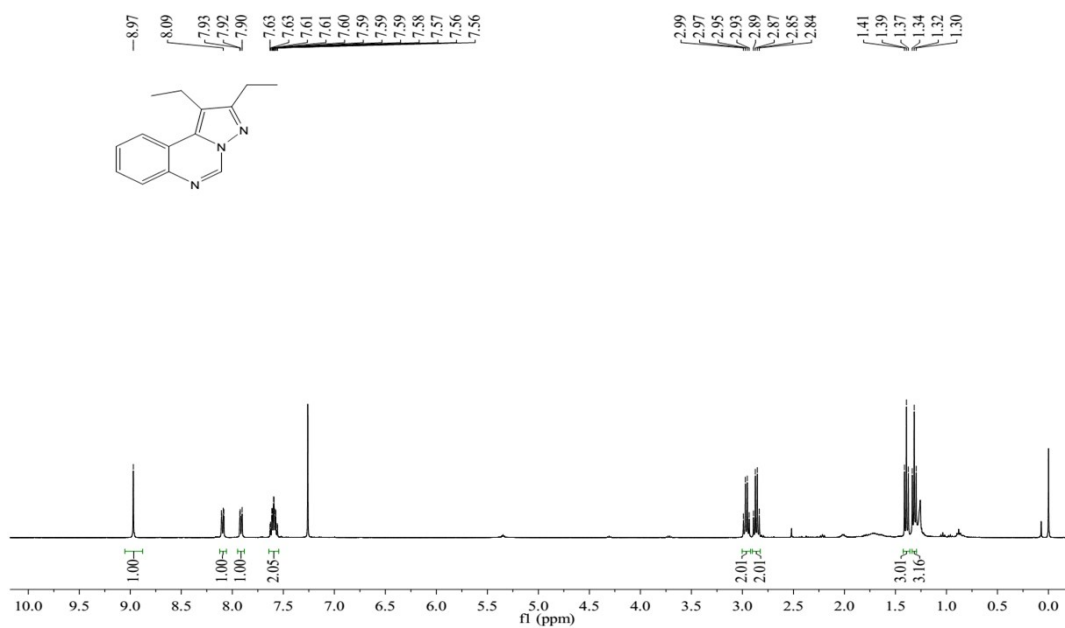
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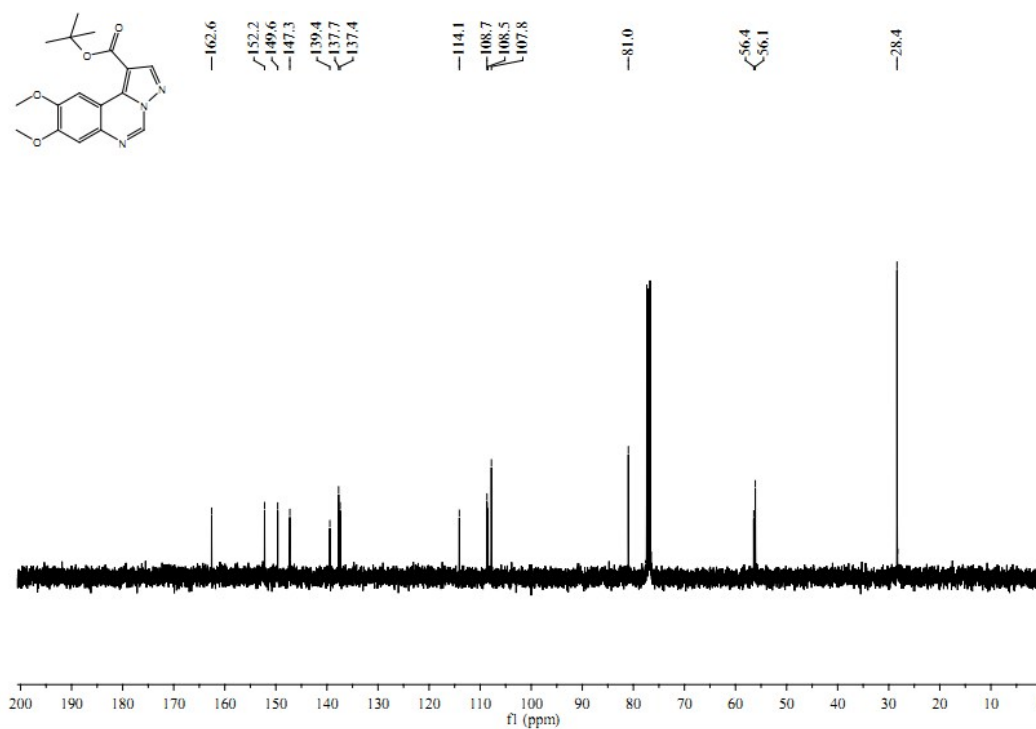
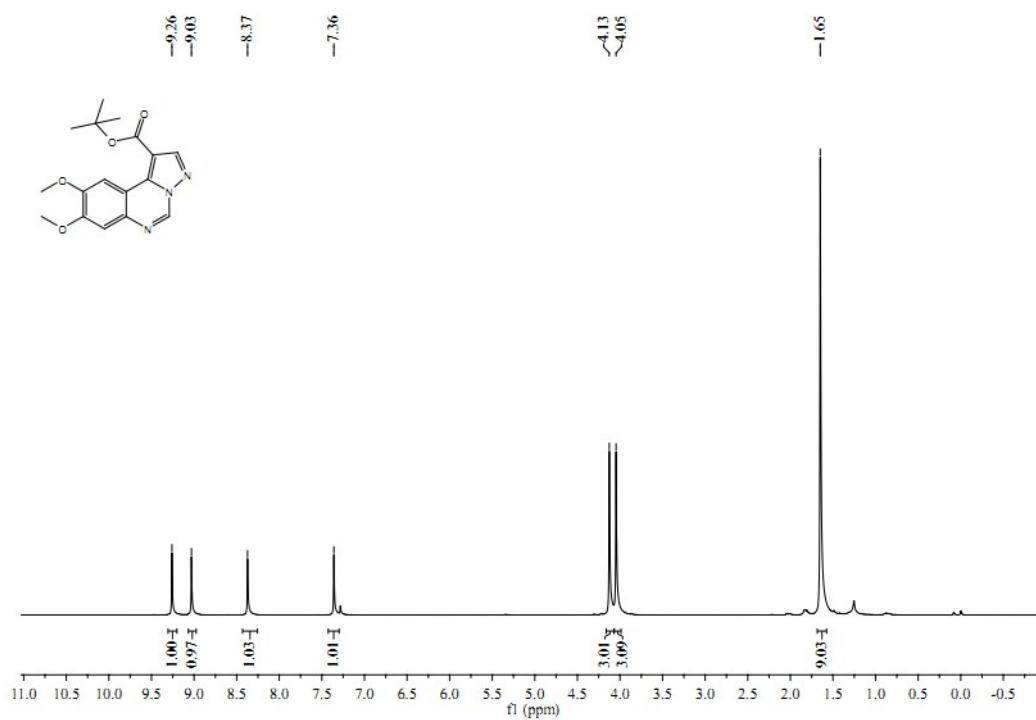
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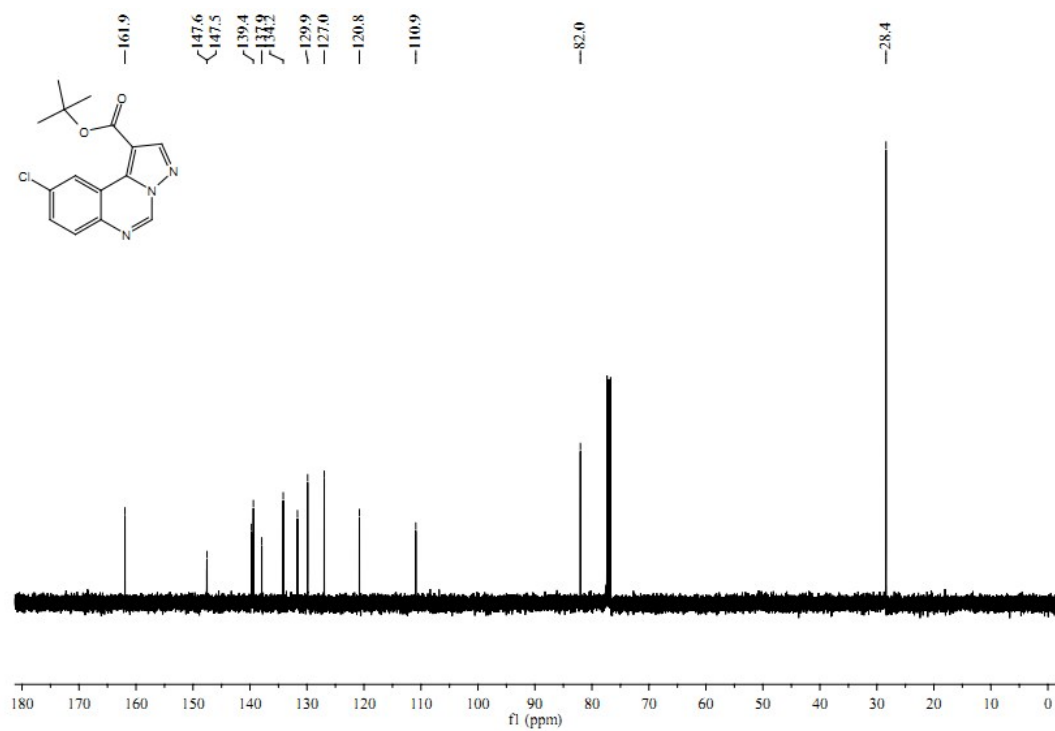
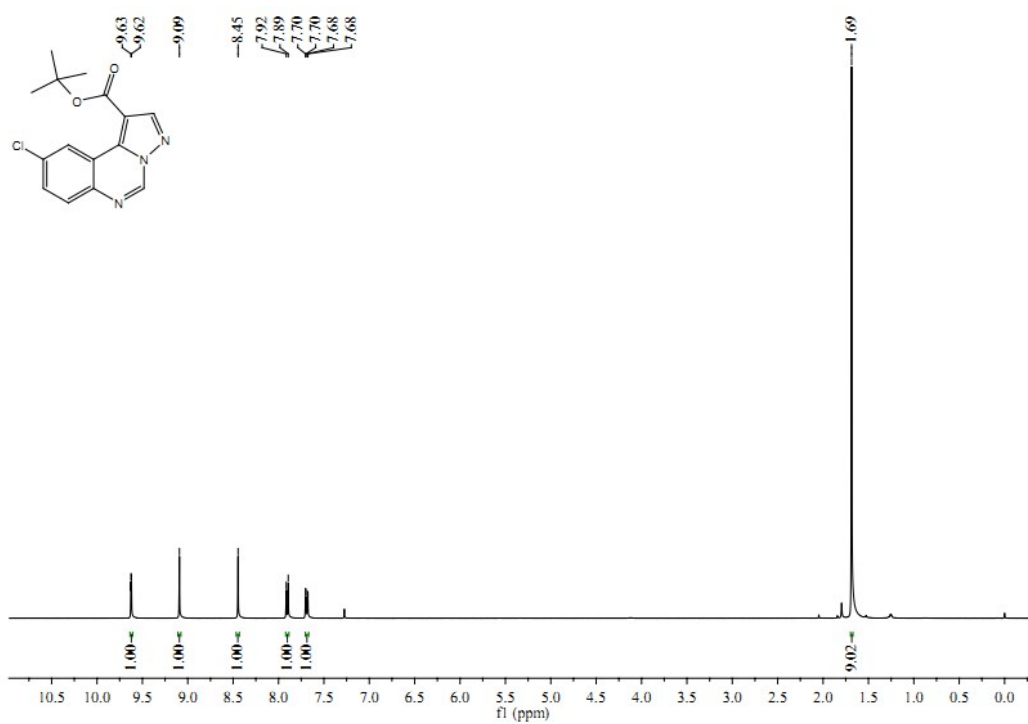
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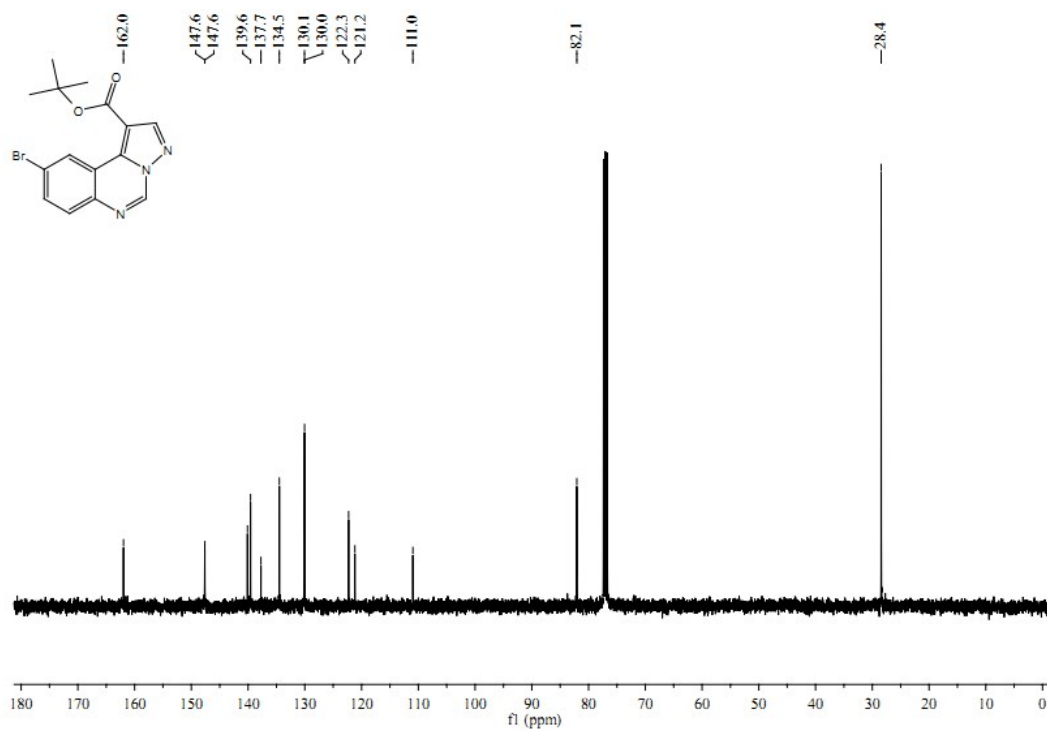
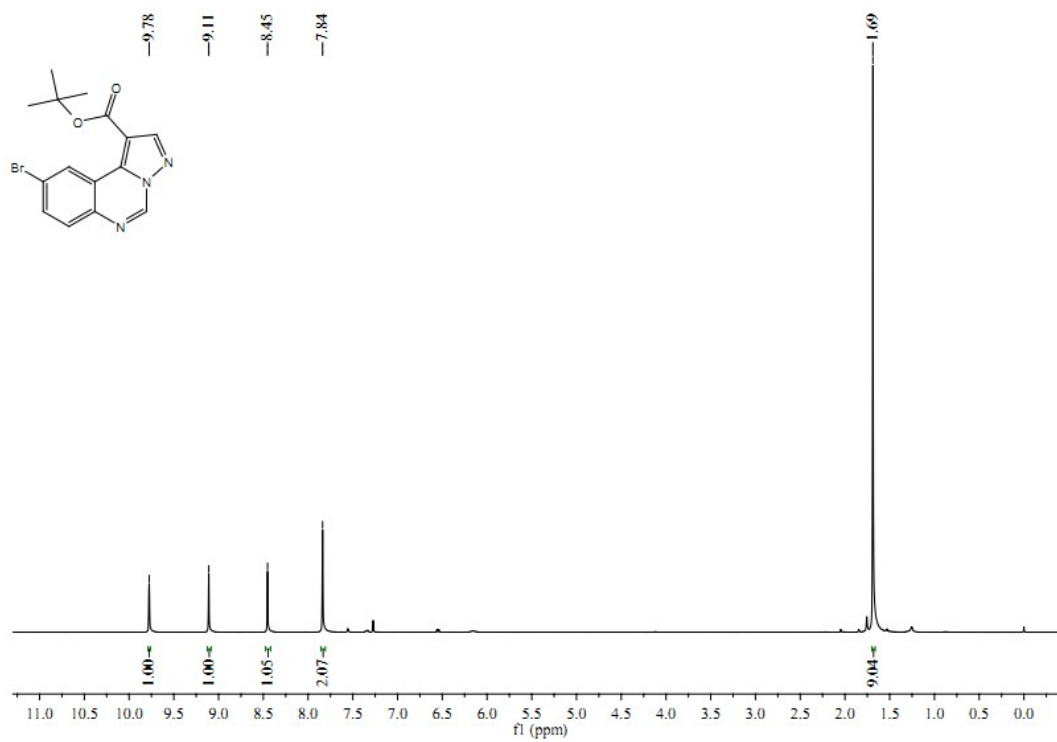


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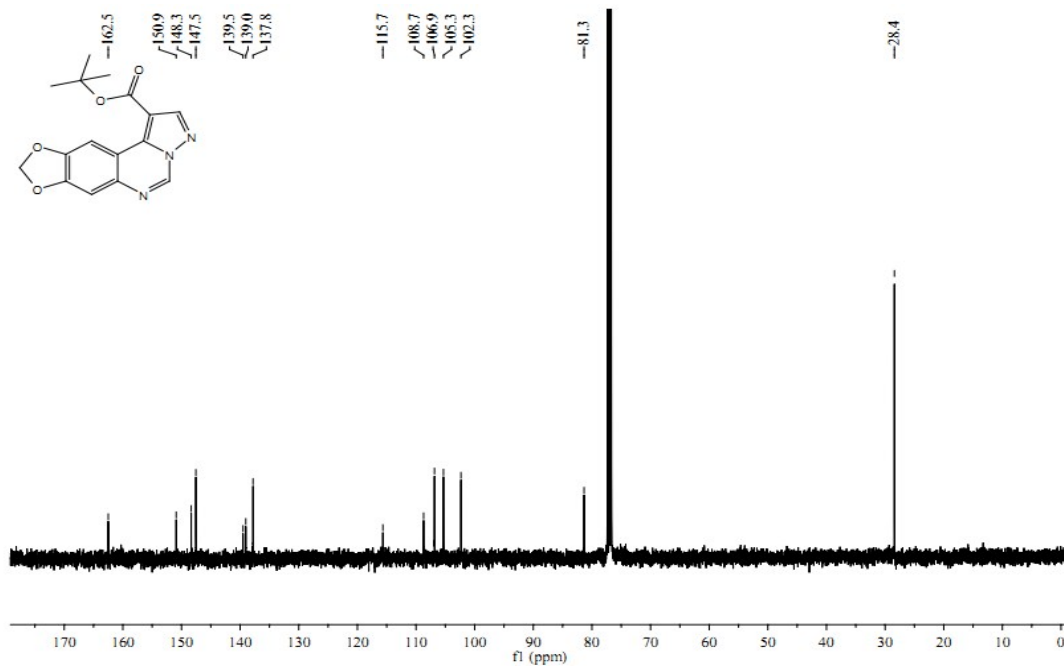
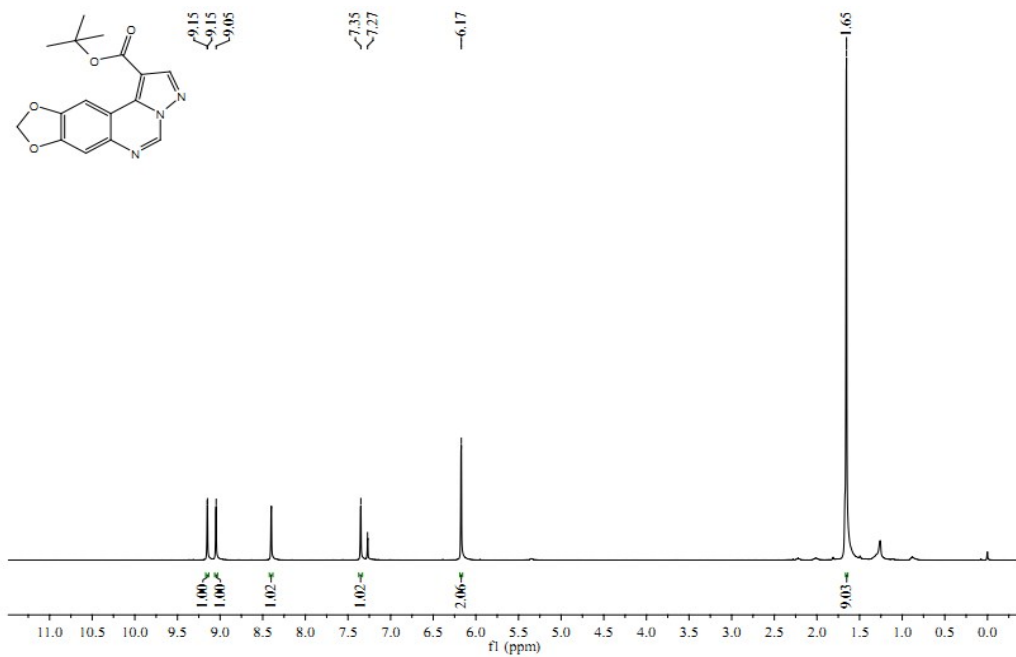




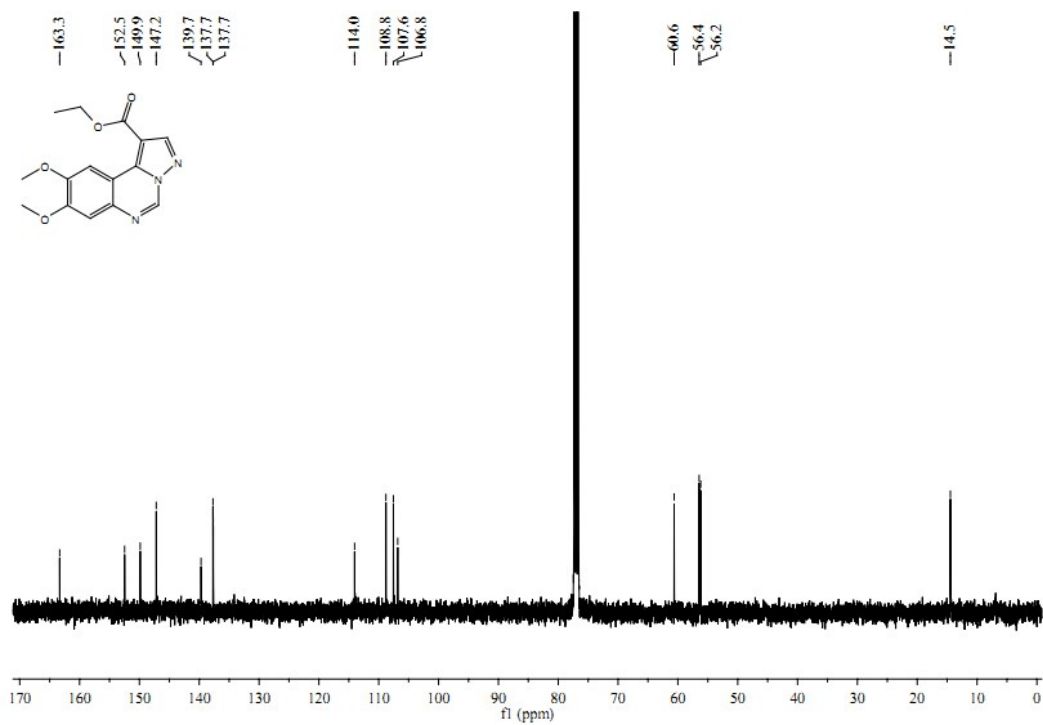
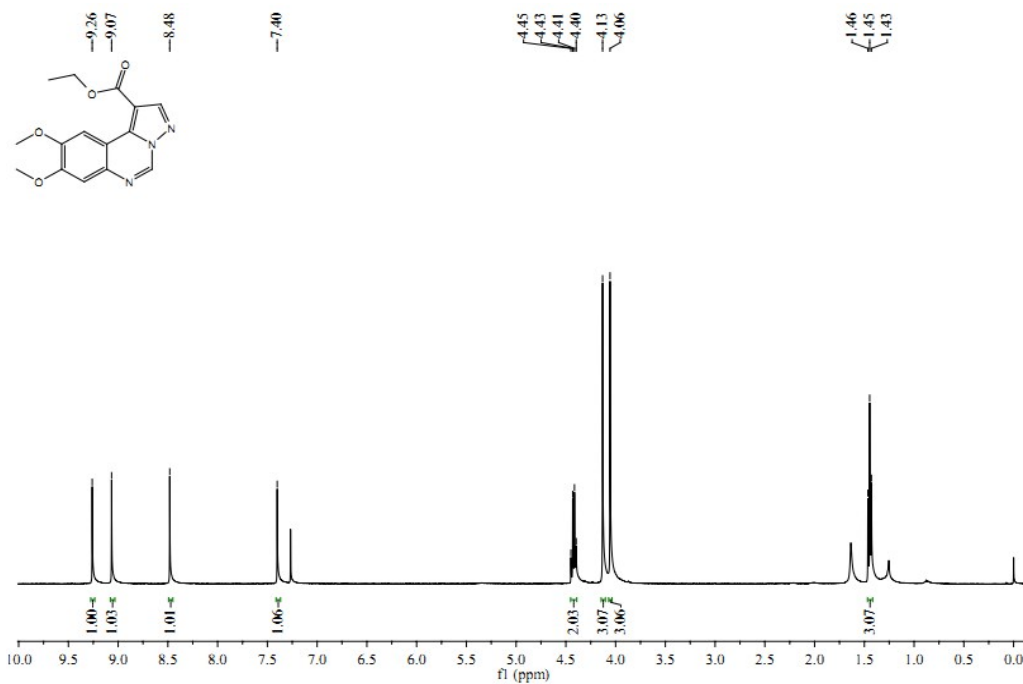
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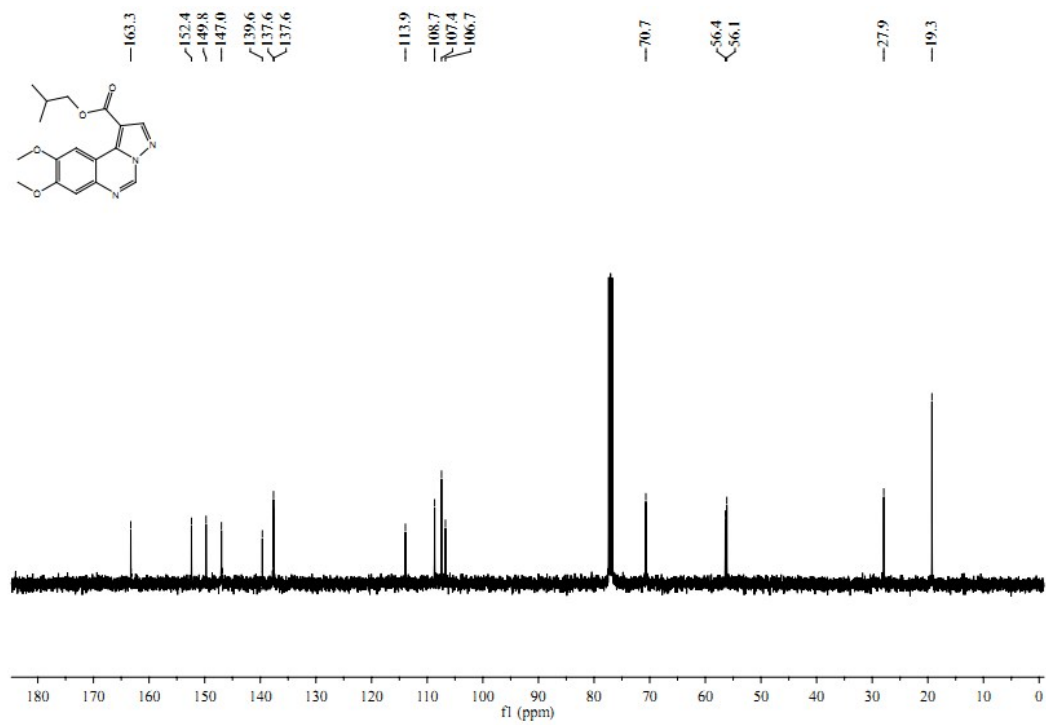
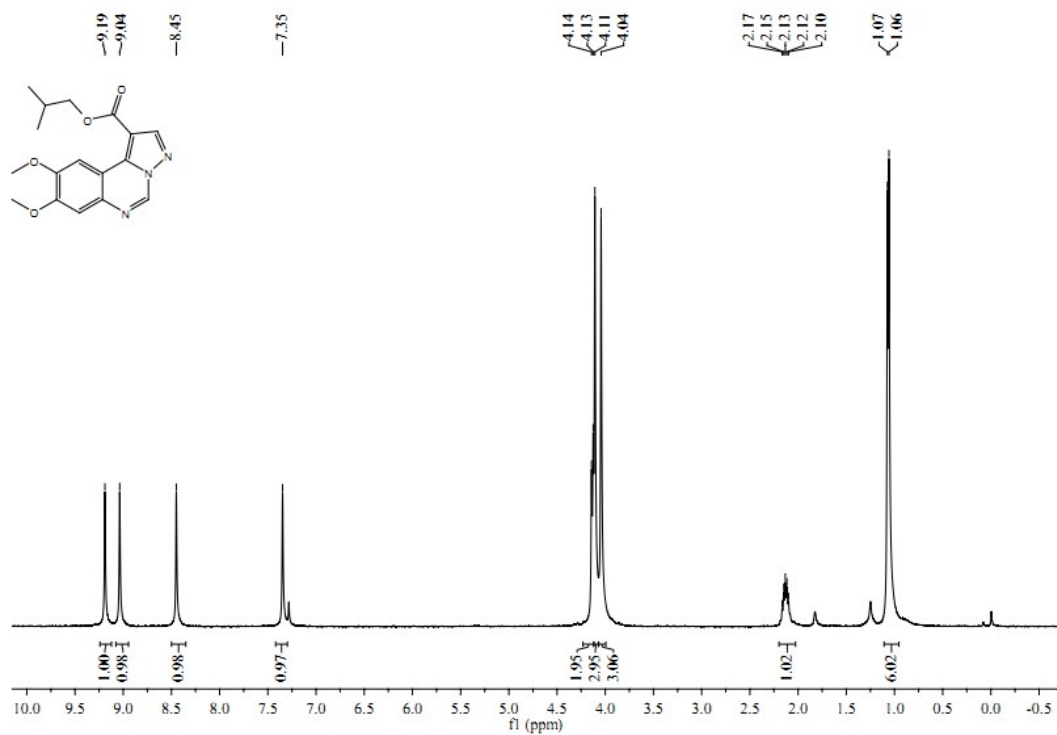
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3bc



**3bd**



# Intermediate 4

