

Supplemental Materials

Synthesis and Pesticidal Activity of New Niacinamide Derivatives Containing a Flexible, Chiral Chain

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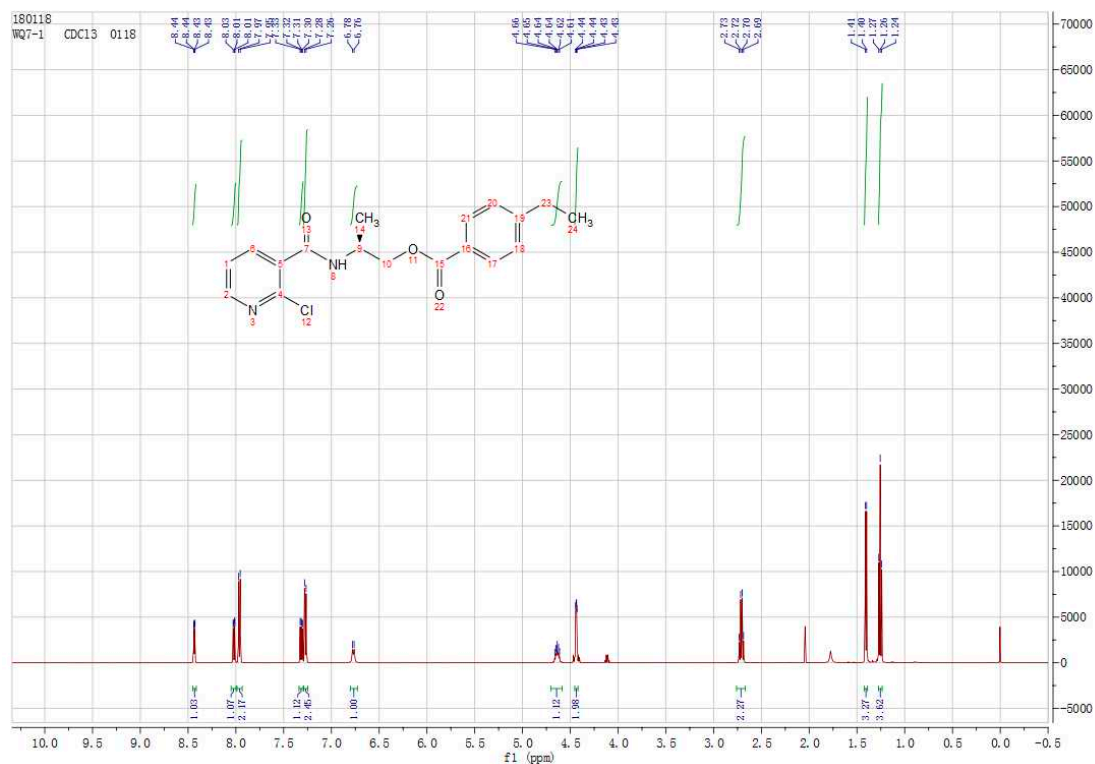
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⁵ College of Biology and Environmental Engineering, Zhejiang Shuren University, Hangzhou 310015, Zhejiang, China, nabosun@126.com(N.B.)

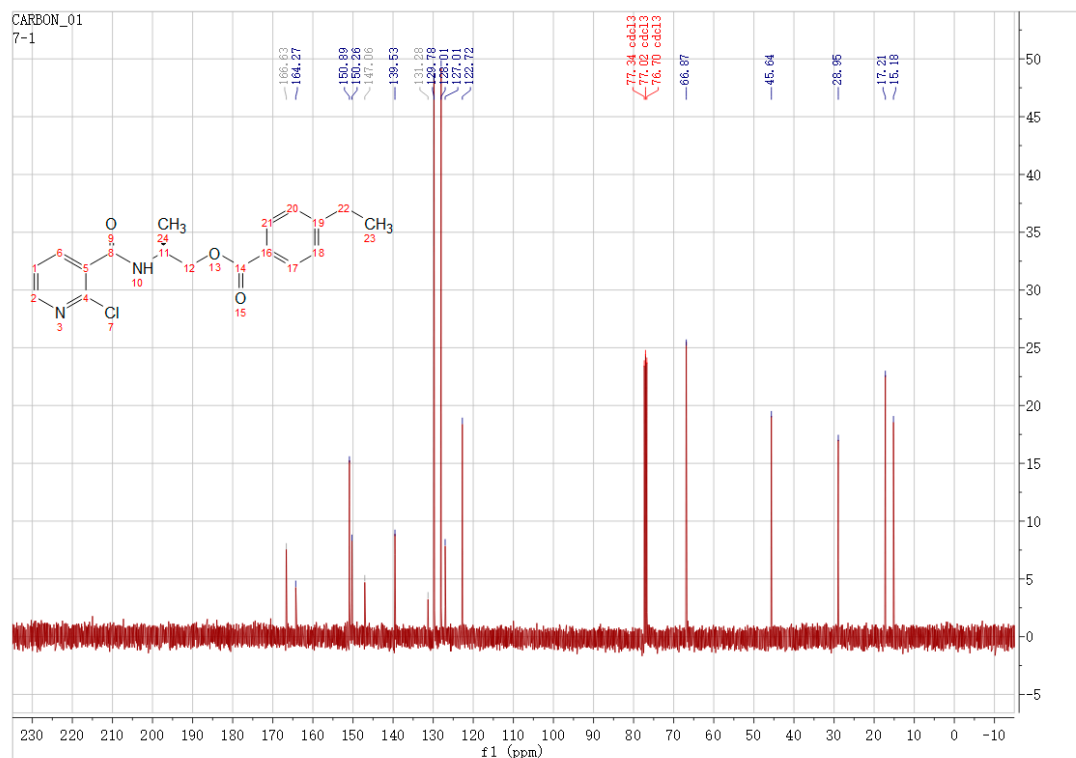
⁶ State Key Laboratory of Elemento-Organic Chemistry, Department of Chemistry, Nankai University, Tianjin, China, Key Laboratory of Study and Discovery of Small Targeted Molecules of Hunan Province, Hunan Normal University, Changsha, Hunan, China, liyxl28@nankai.edu.cn(Y.X.)

Table of contents

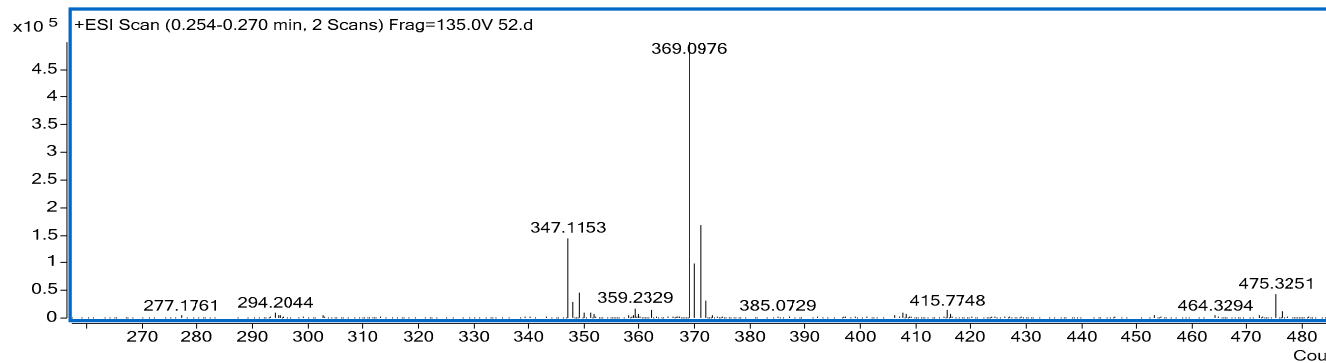
1. The spectroscopy of target compounds.....	2-10
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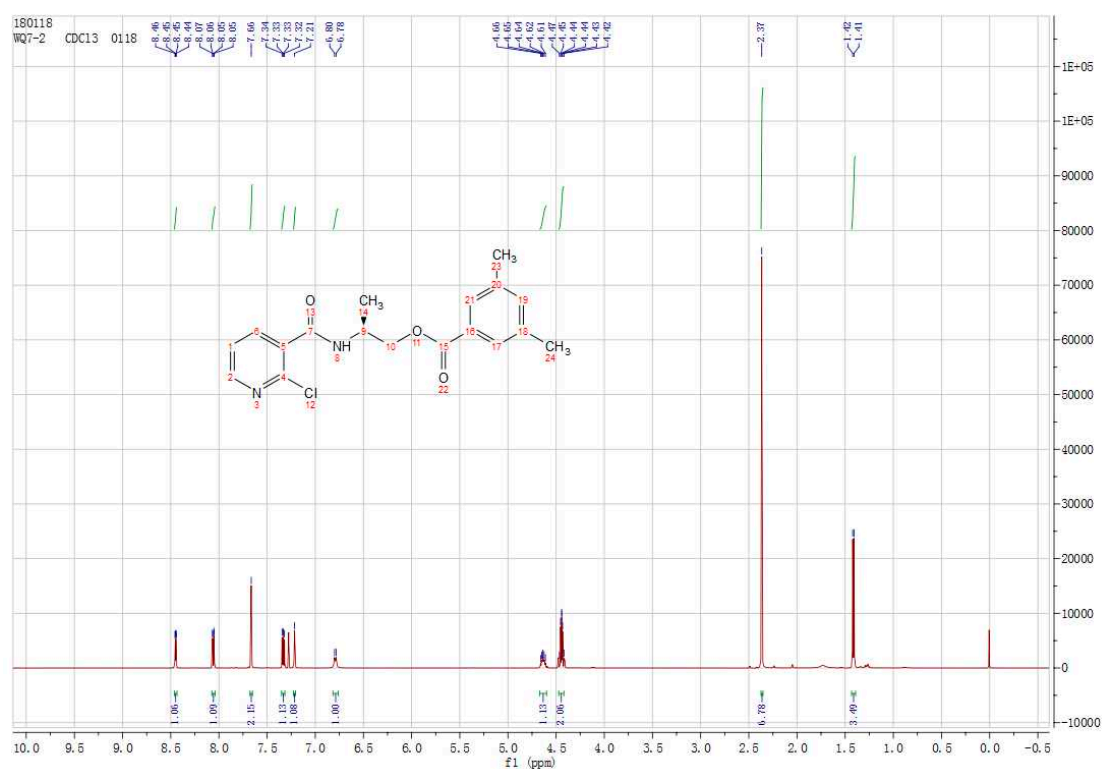
¹H NMR of compound 3a



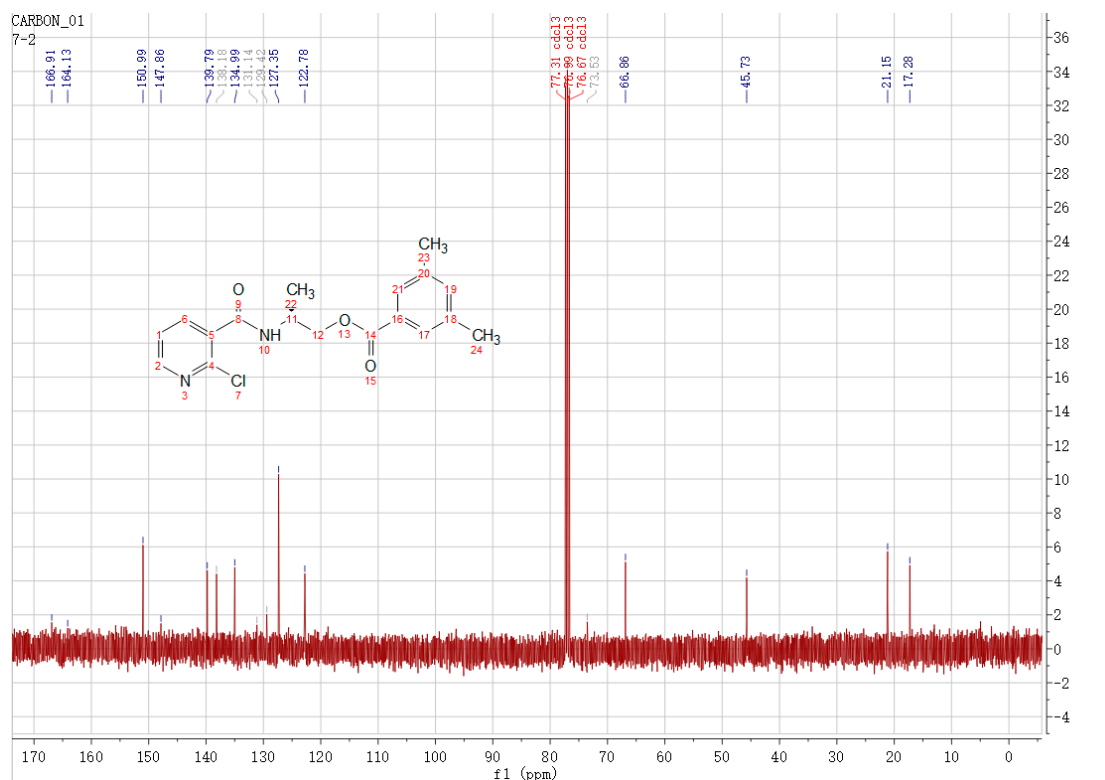
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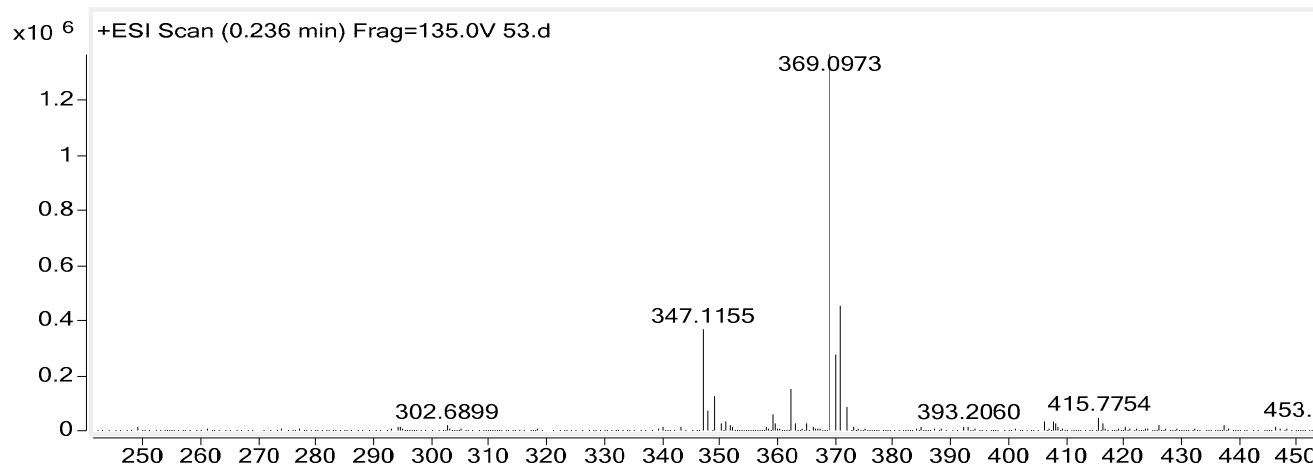
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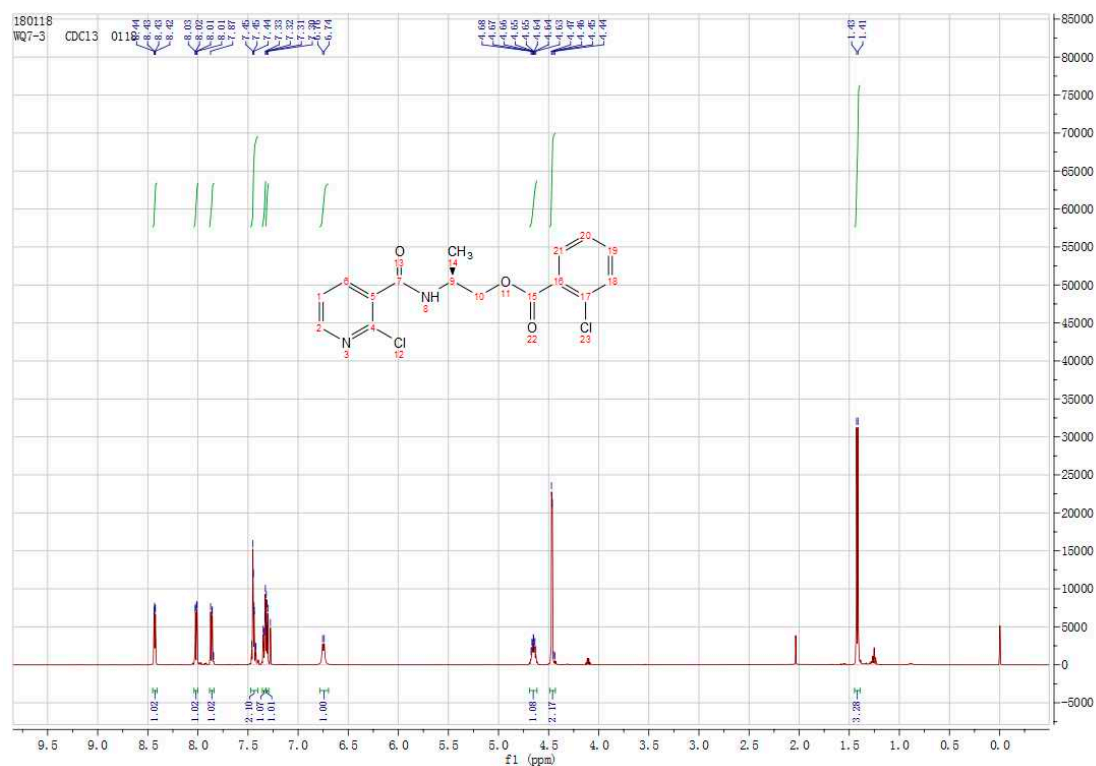
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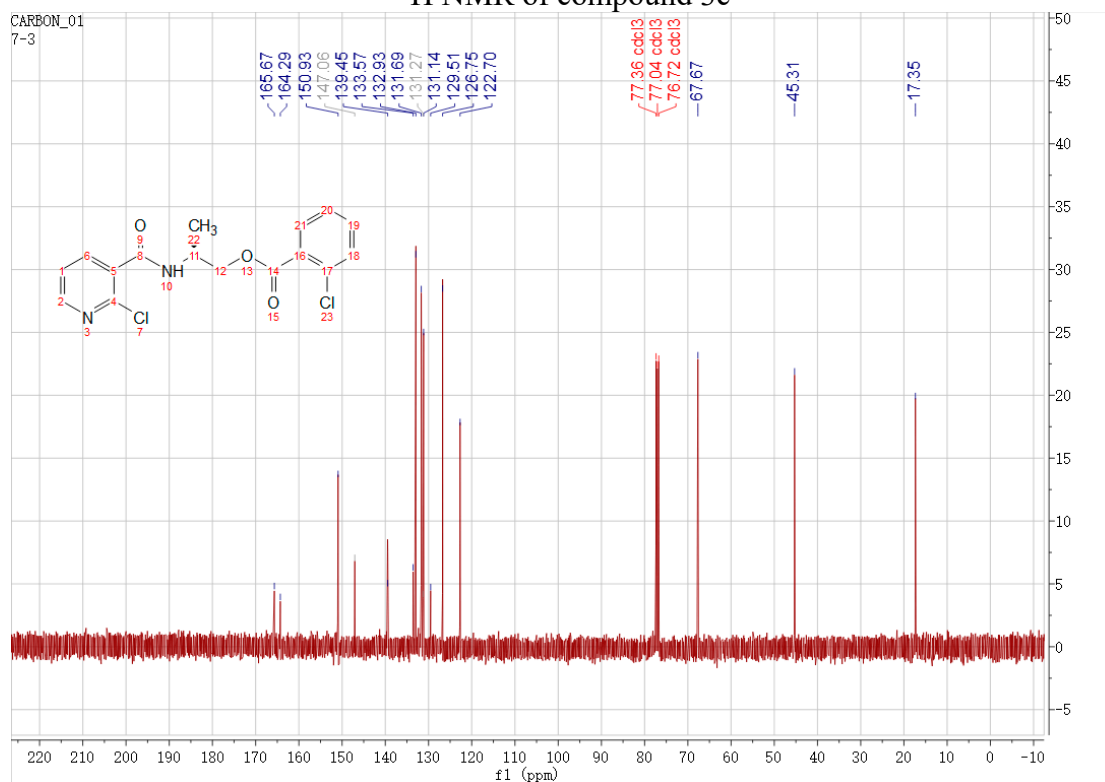
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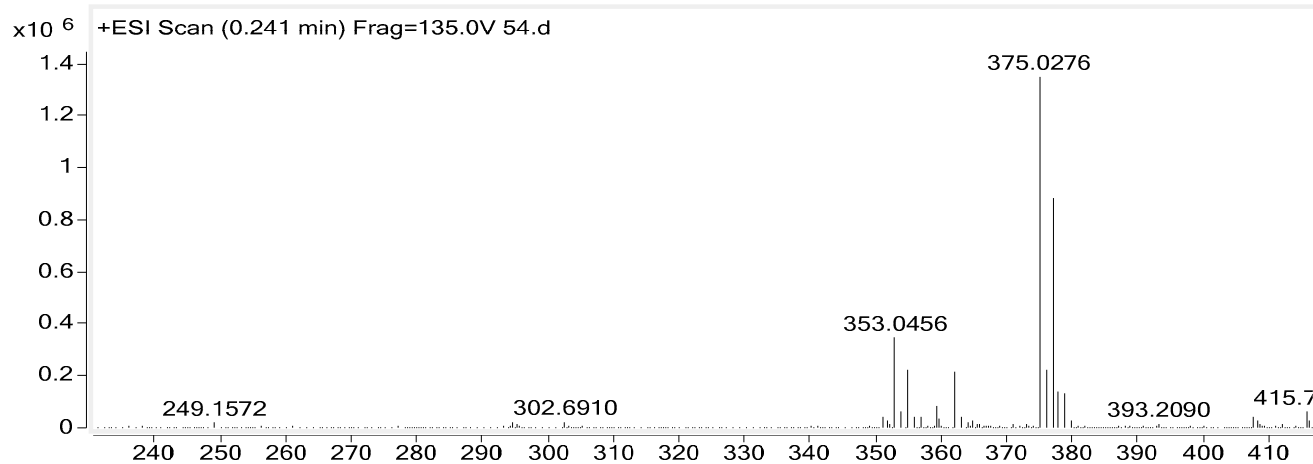
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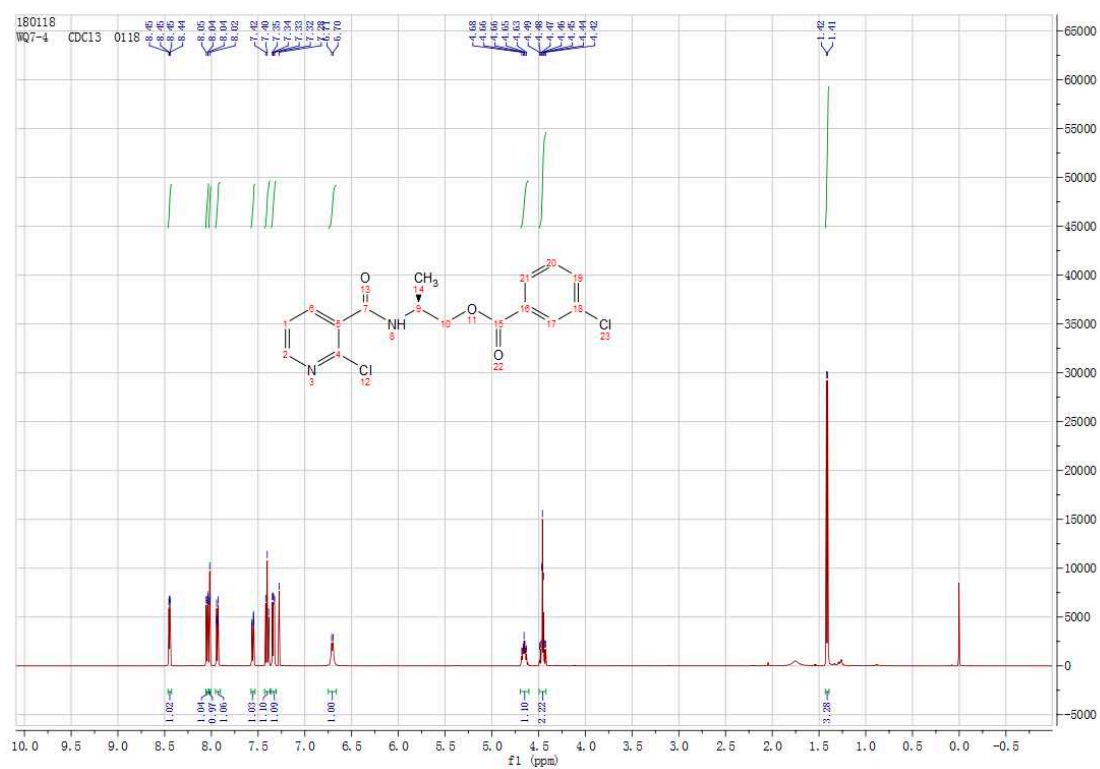
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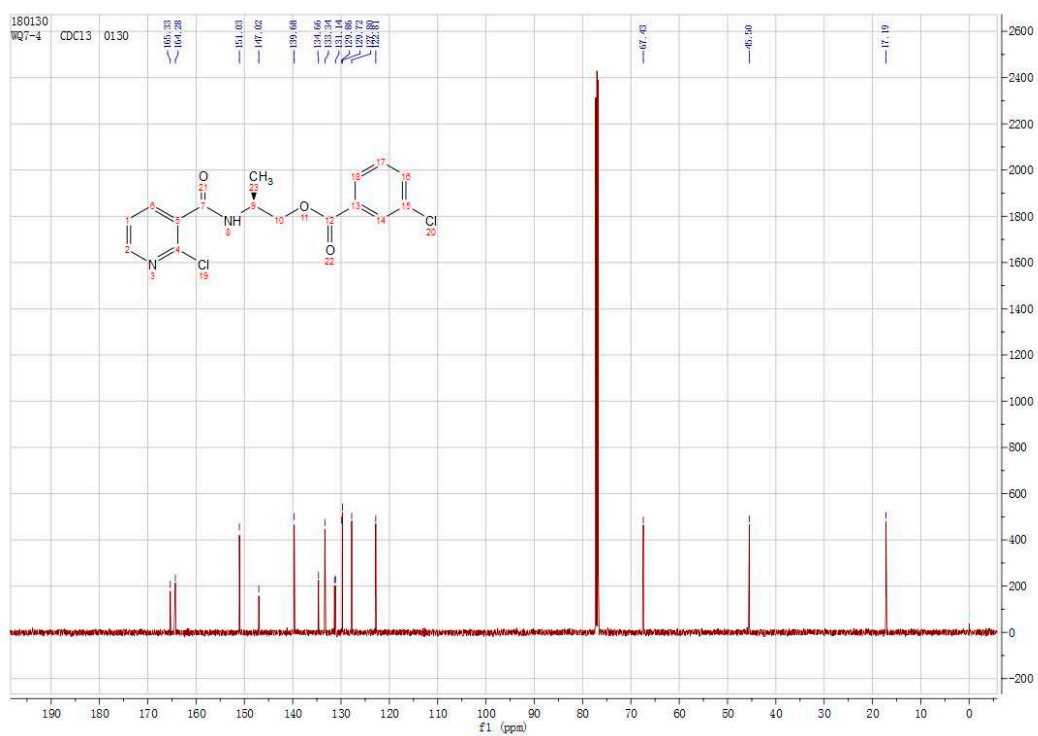
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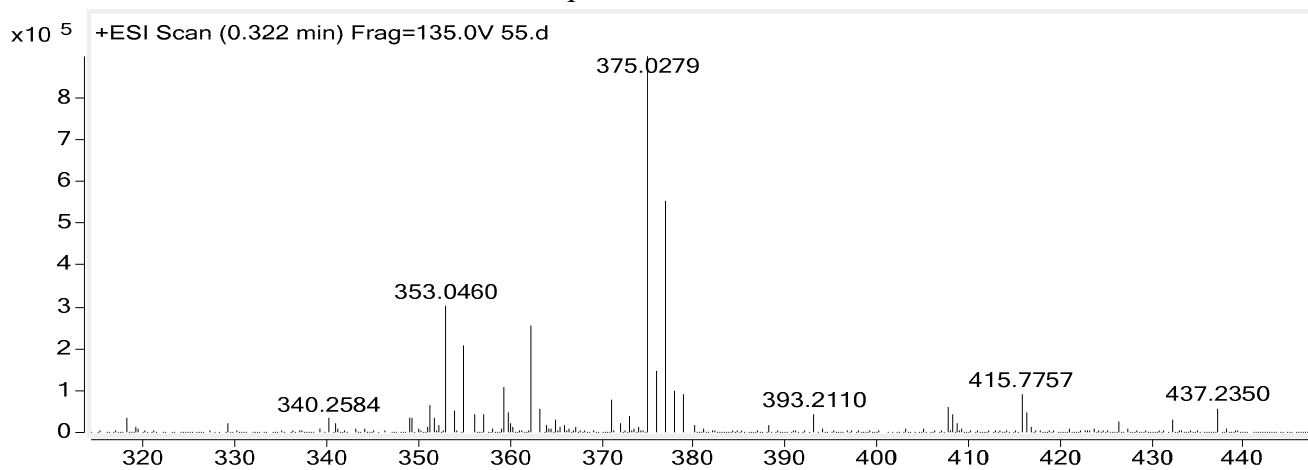
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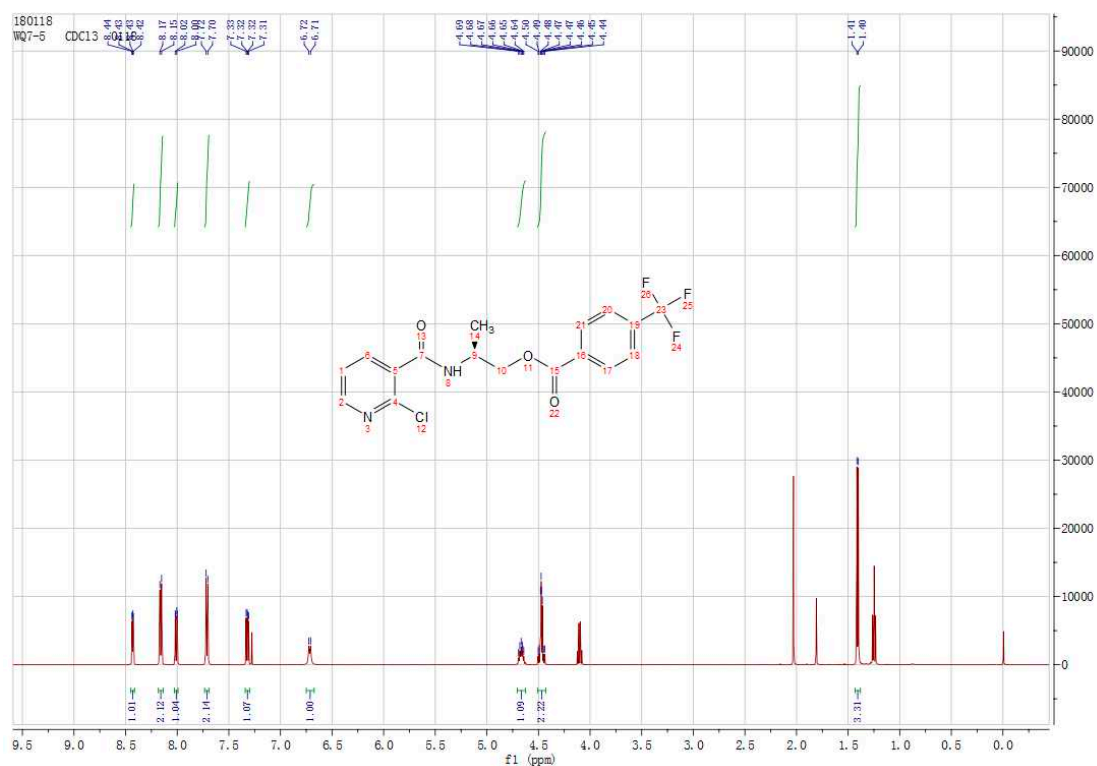
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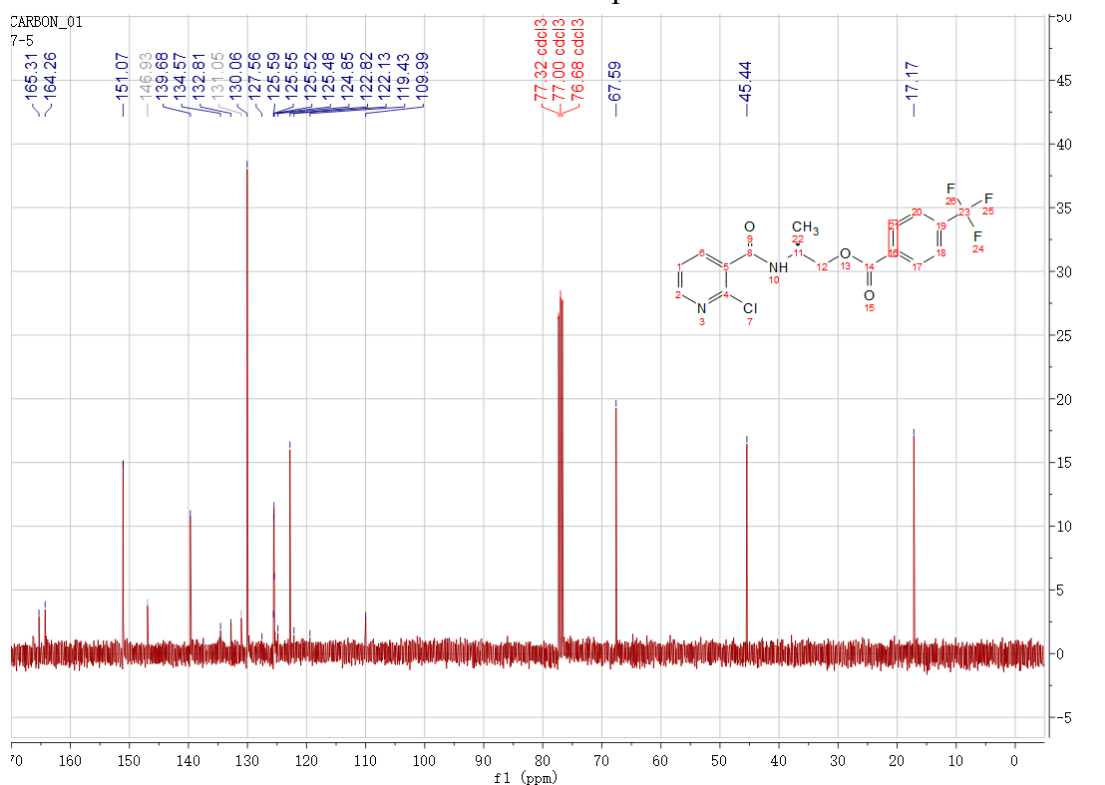
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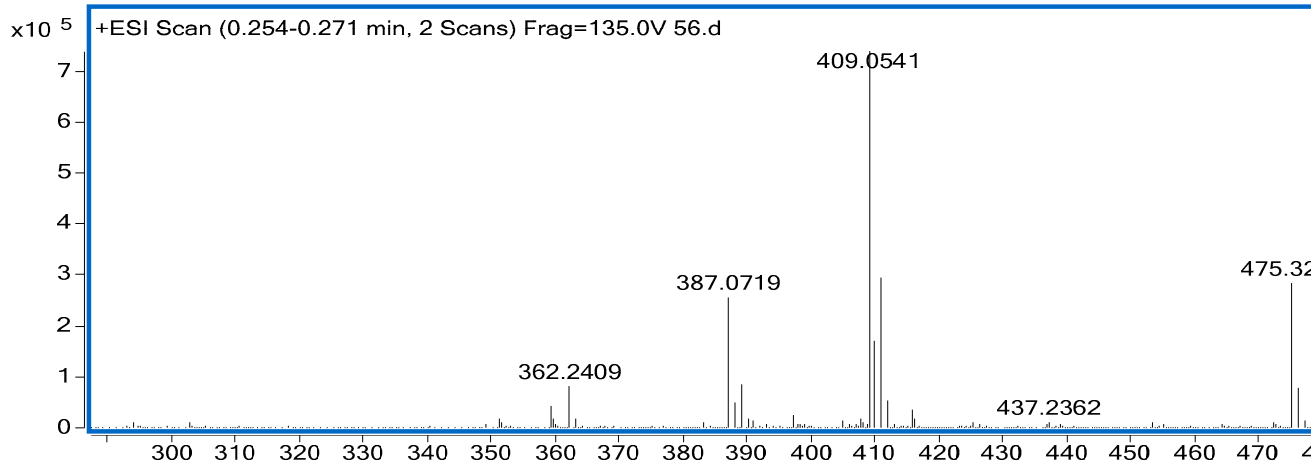
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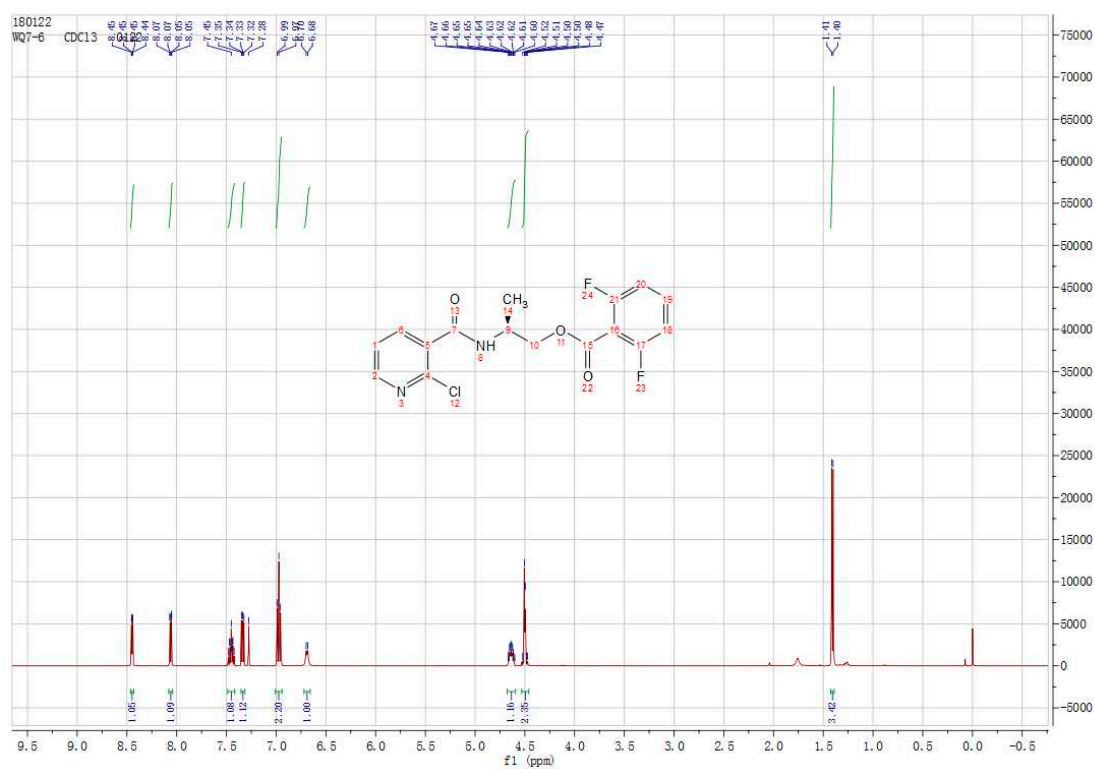
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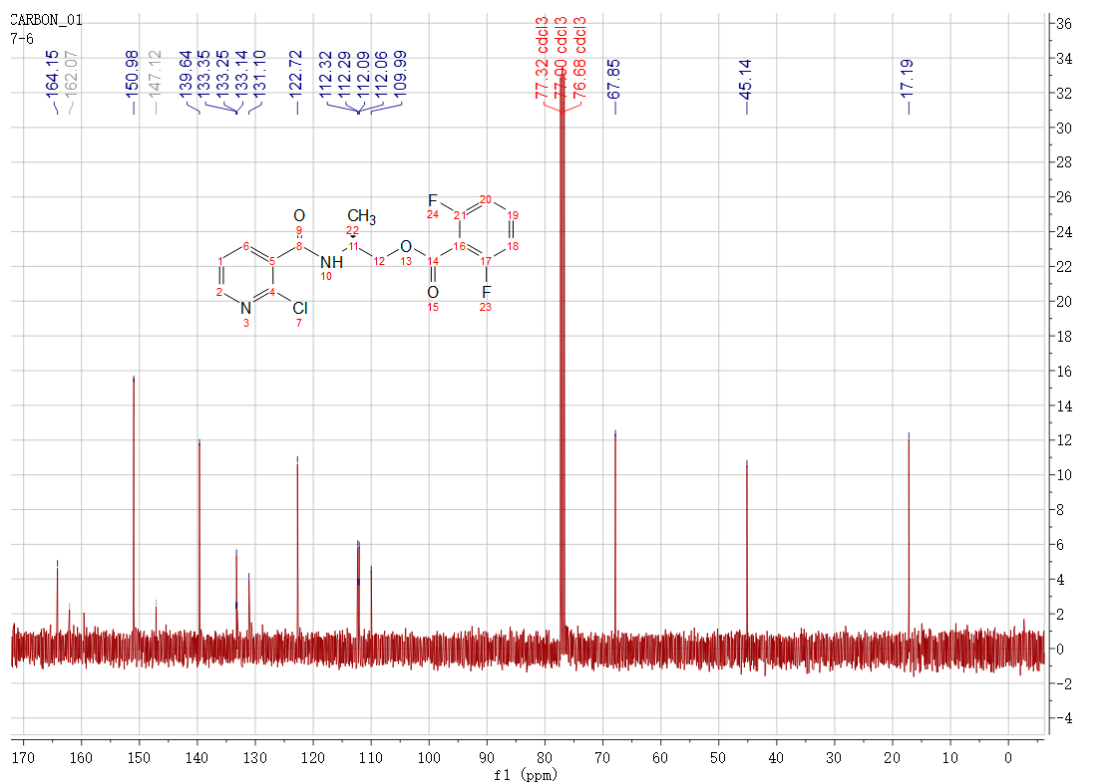
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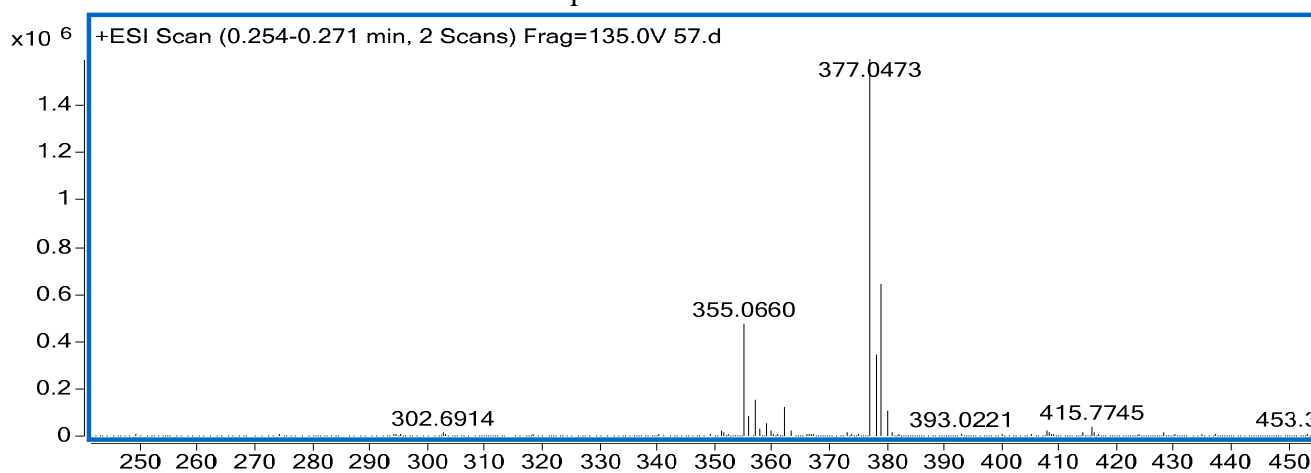
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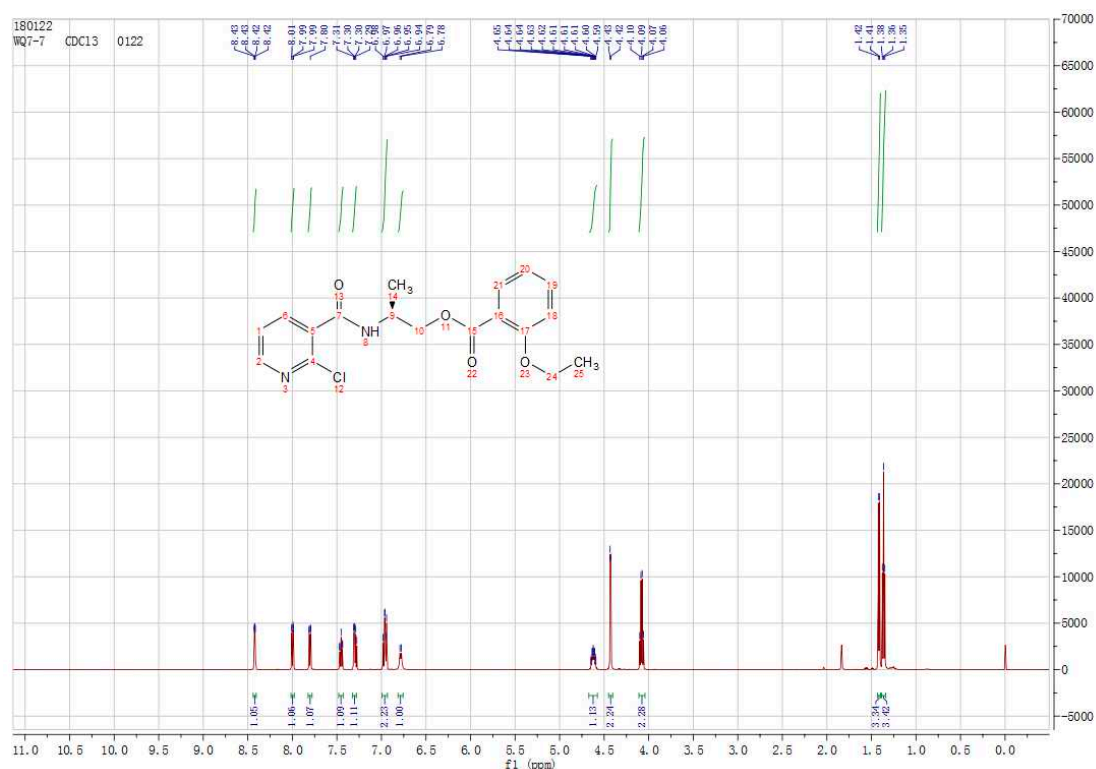
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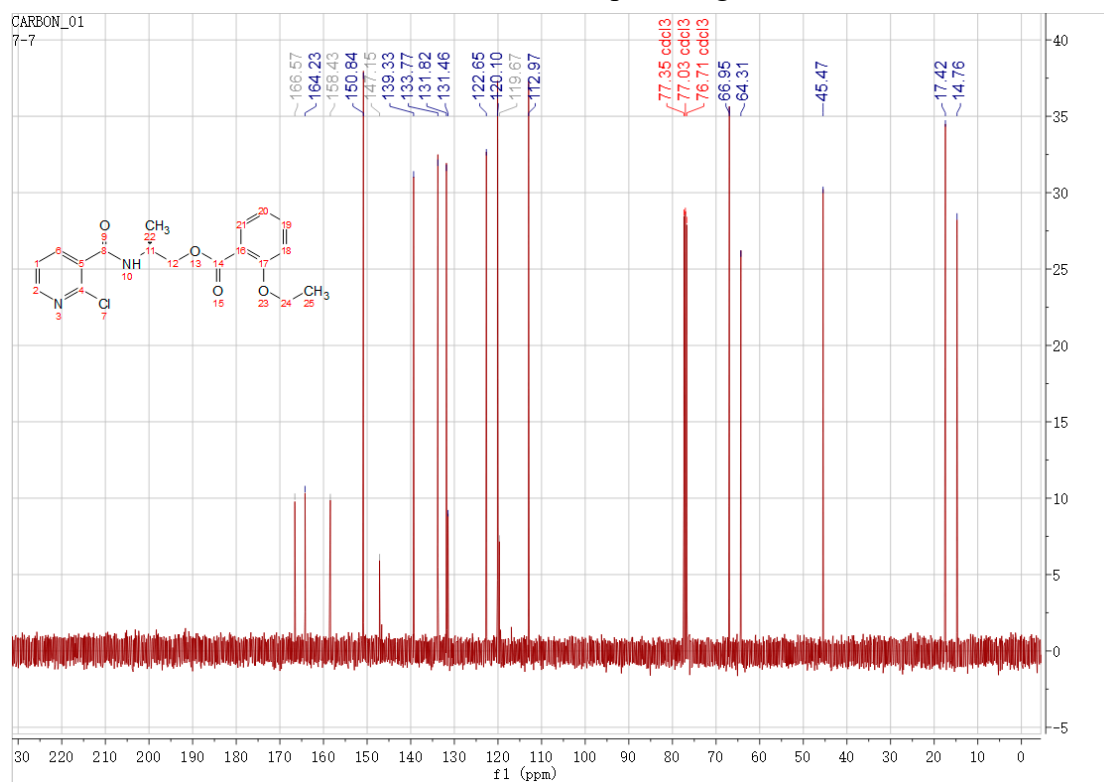
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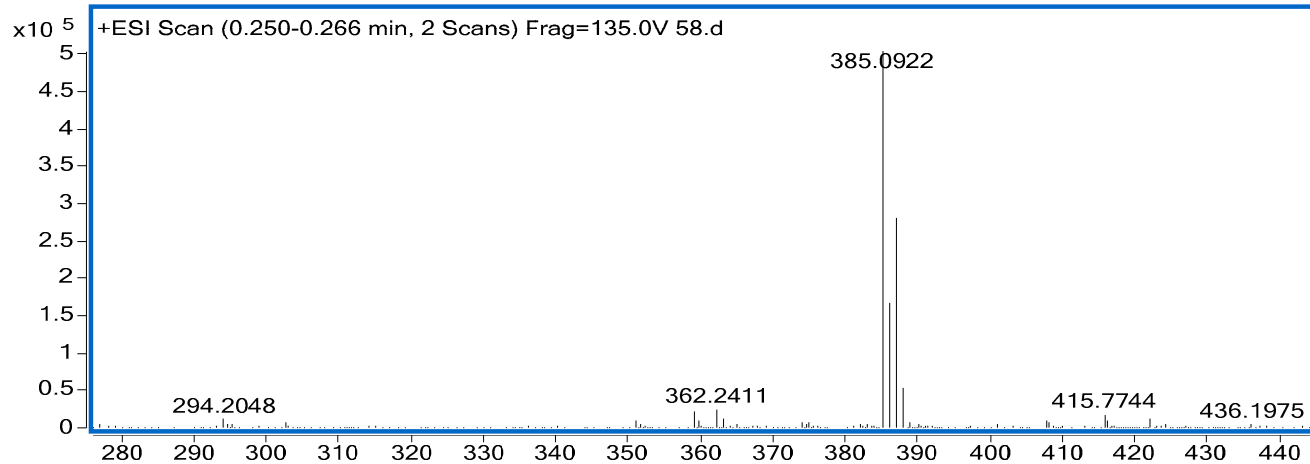
HRMS of compound 3f



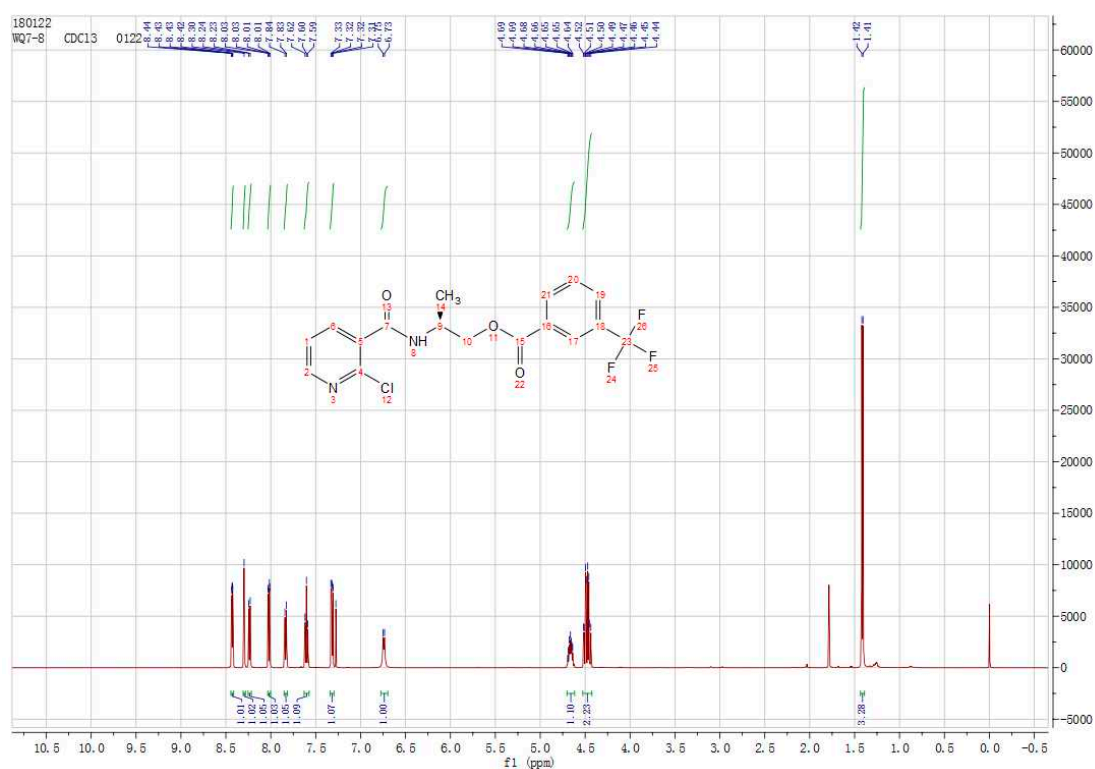
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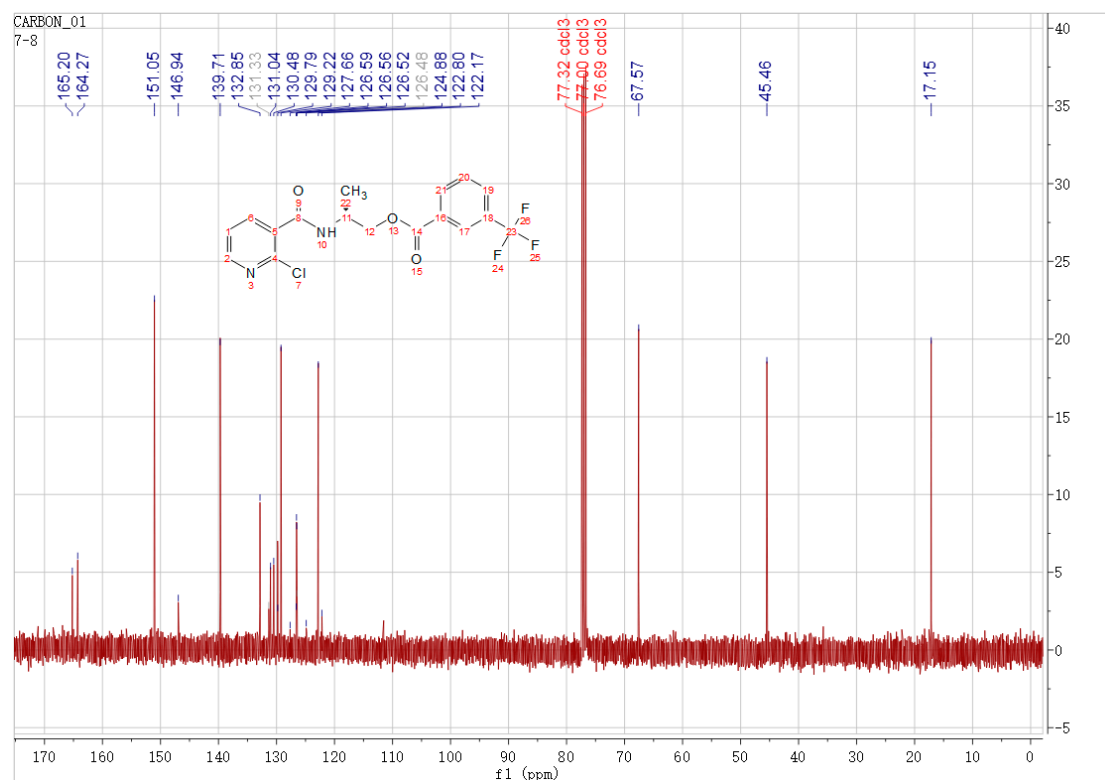
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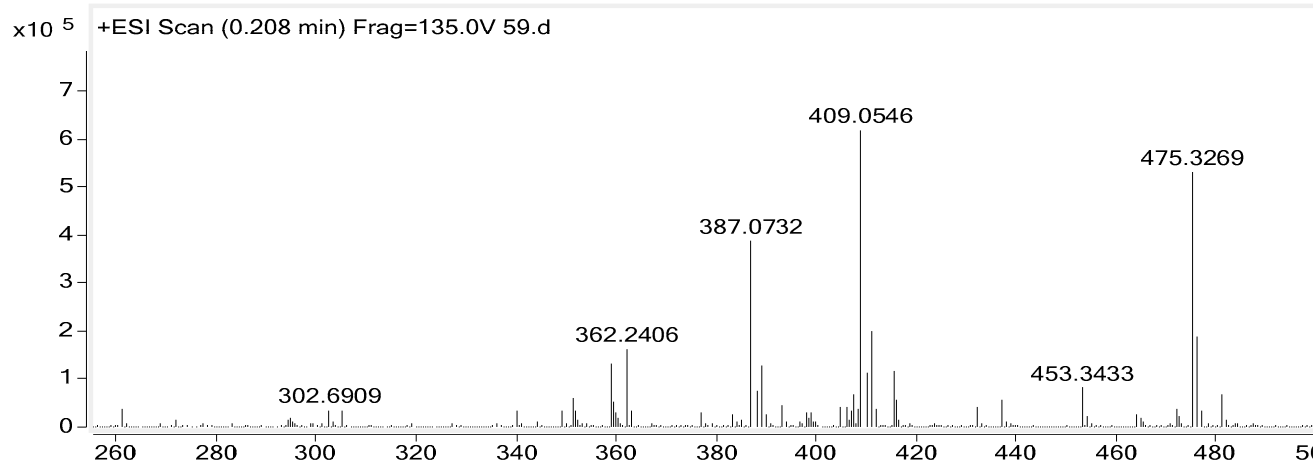
HRMS of compound 3g



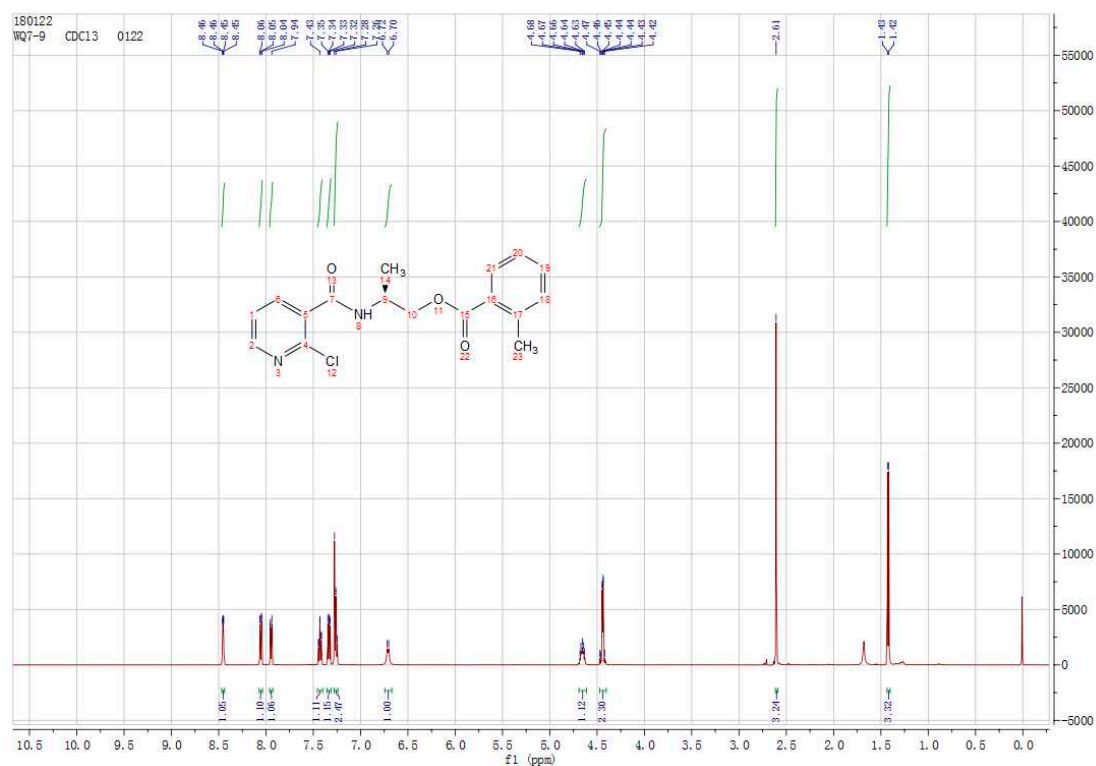
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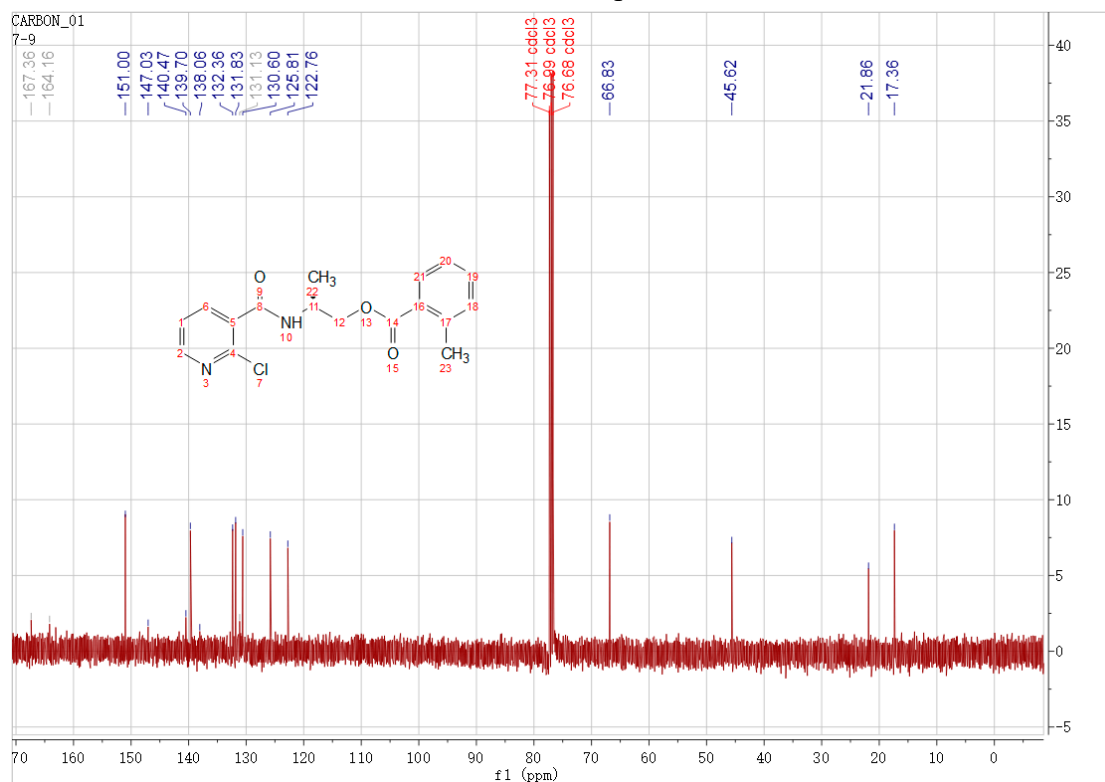
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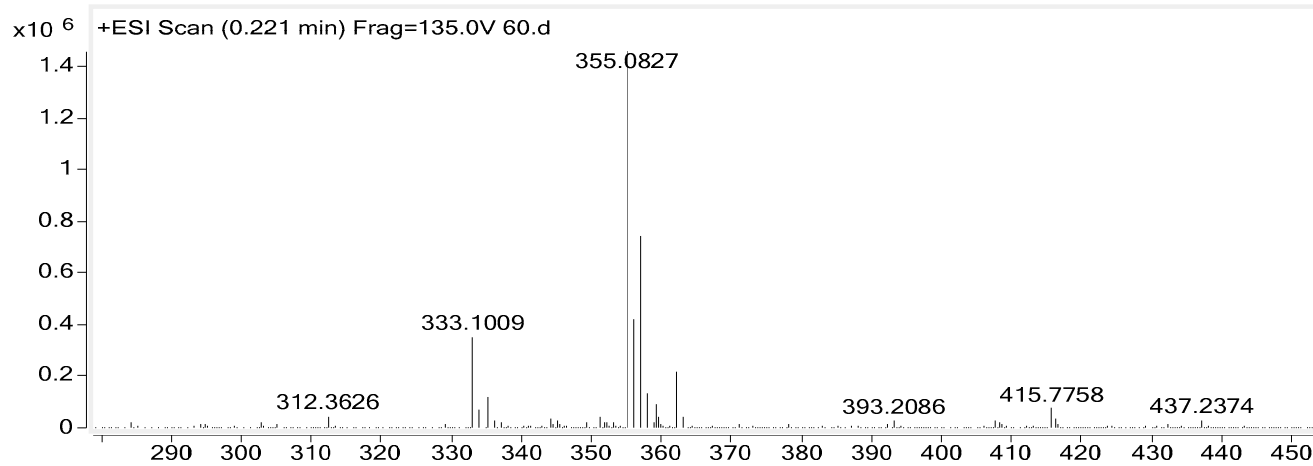
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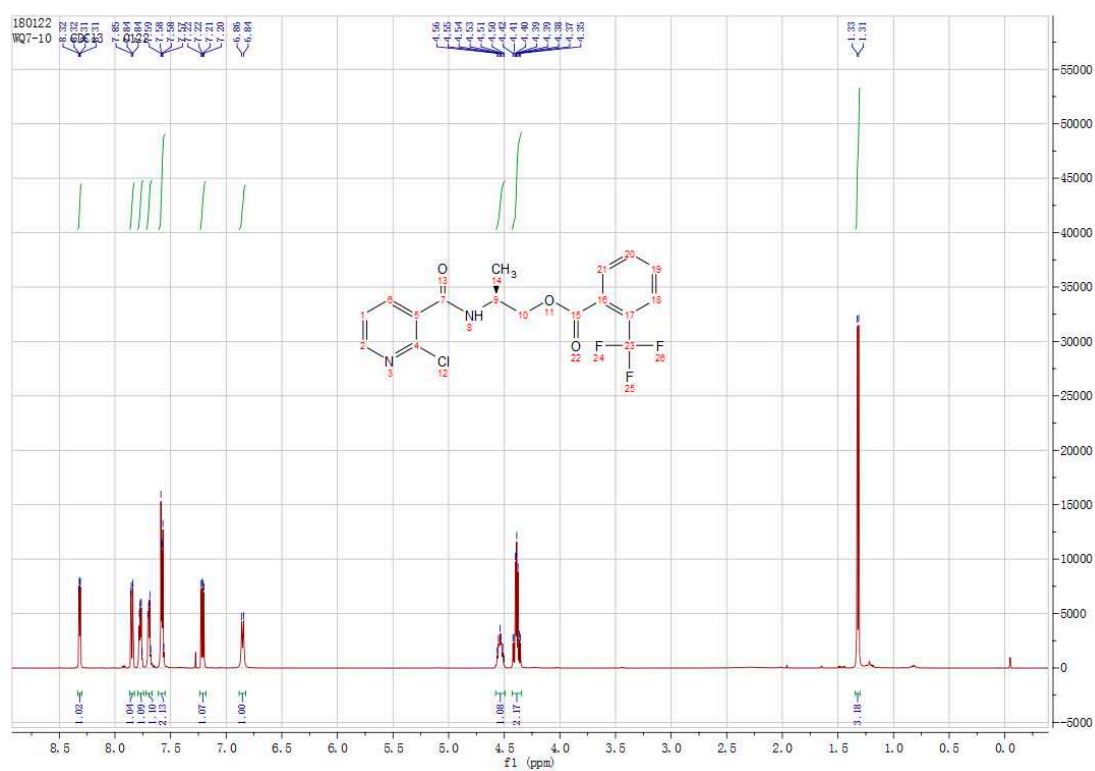
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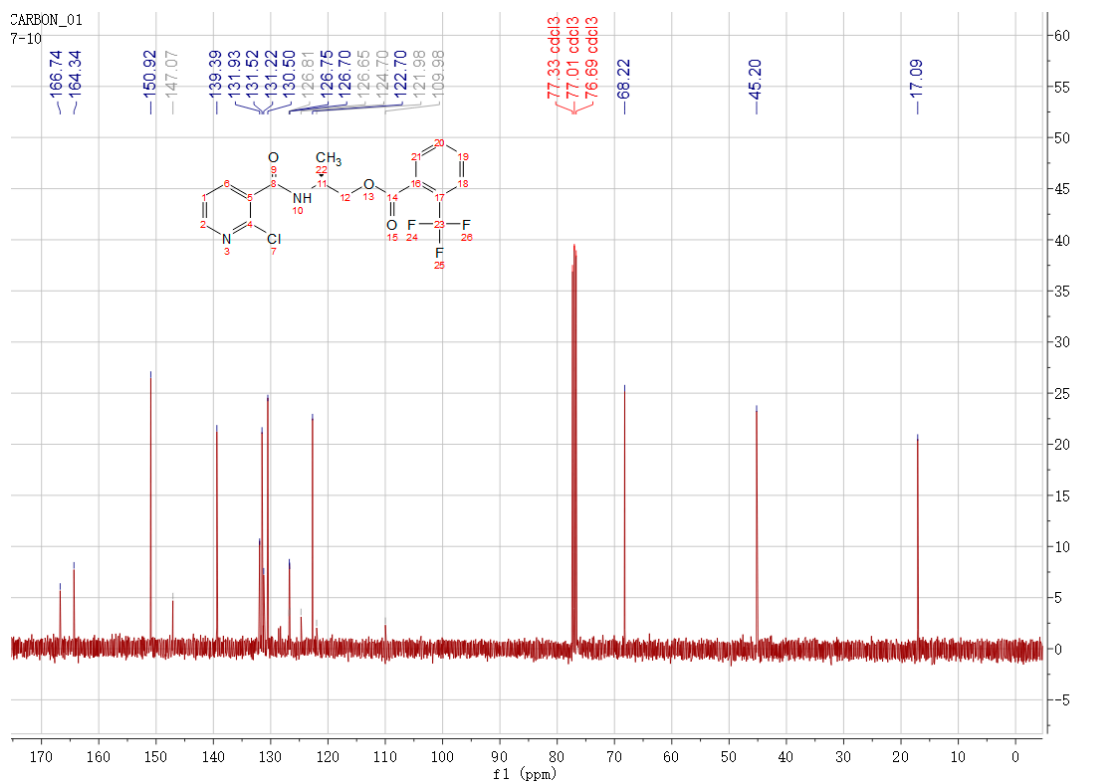
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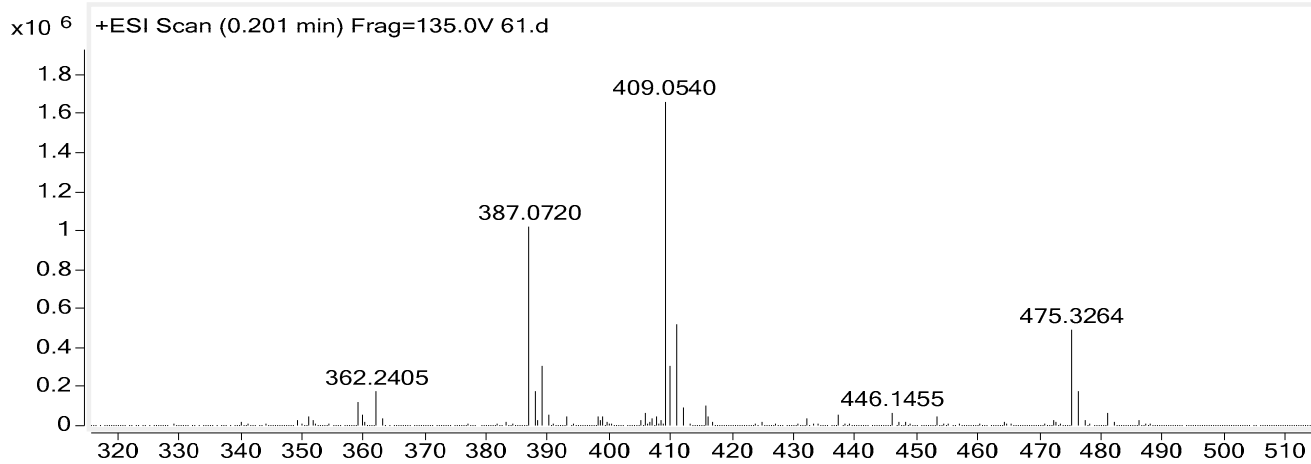
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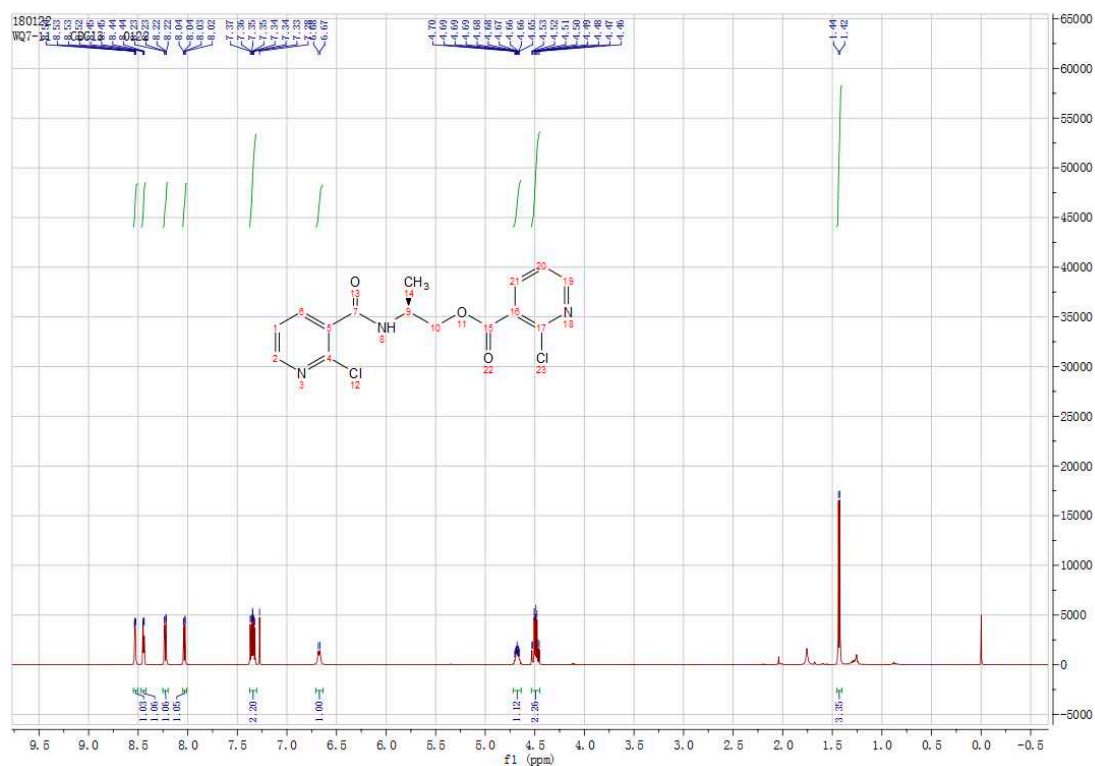
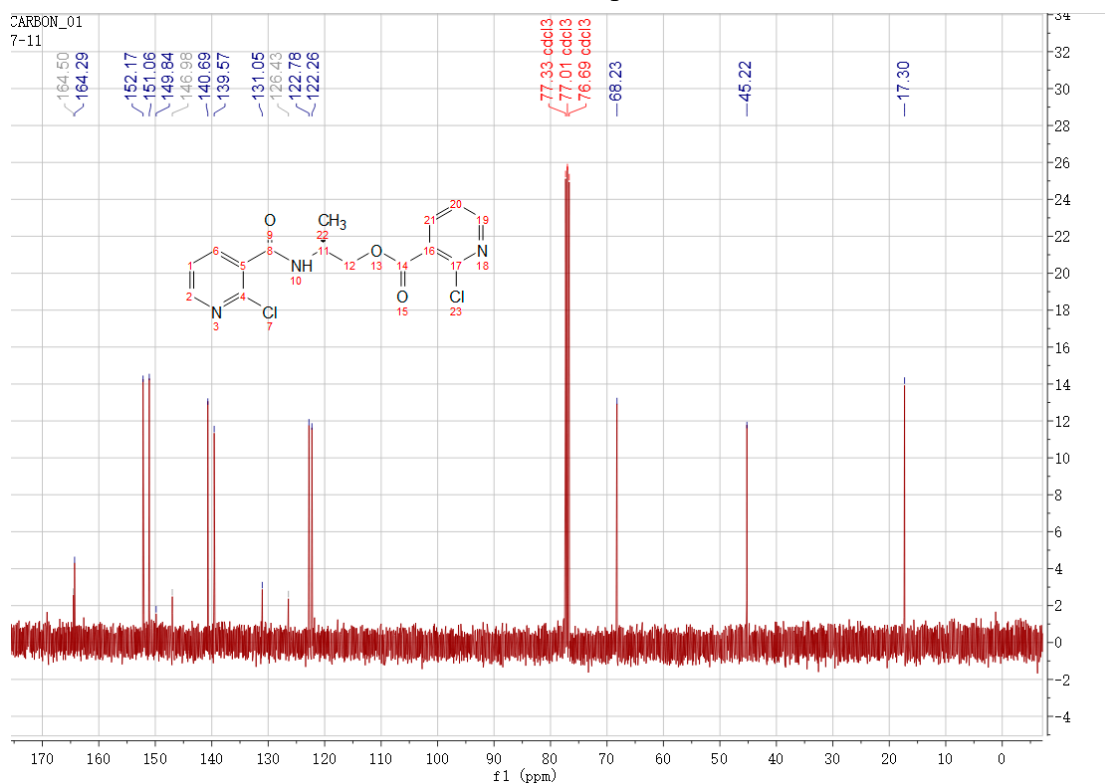
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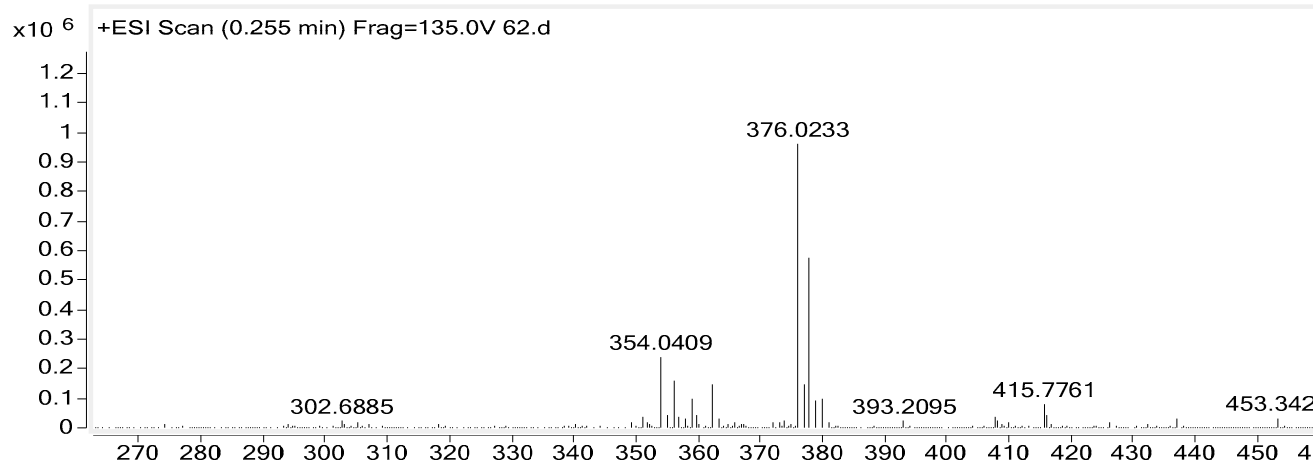


^{13}C NMR of compound 3j

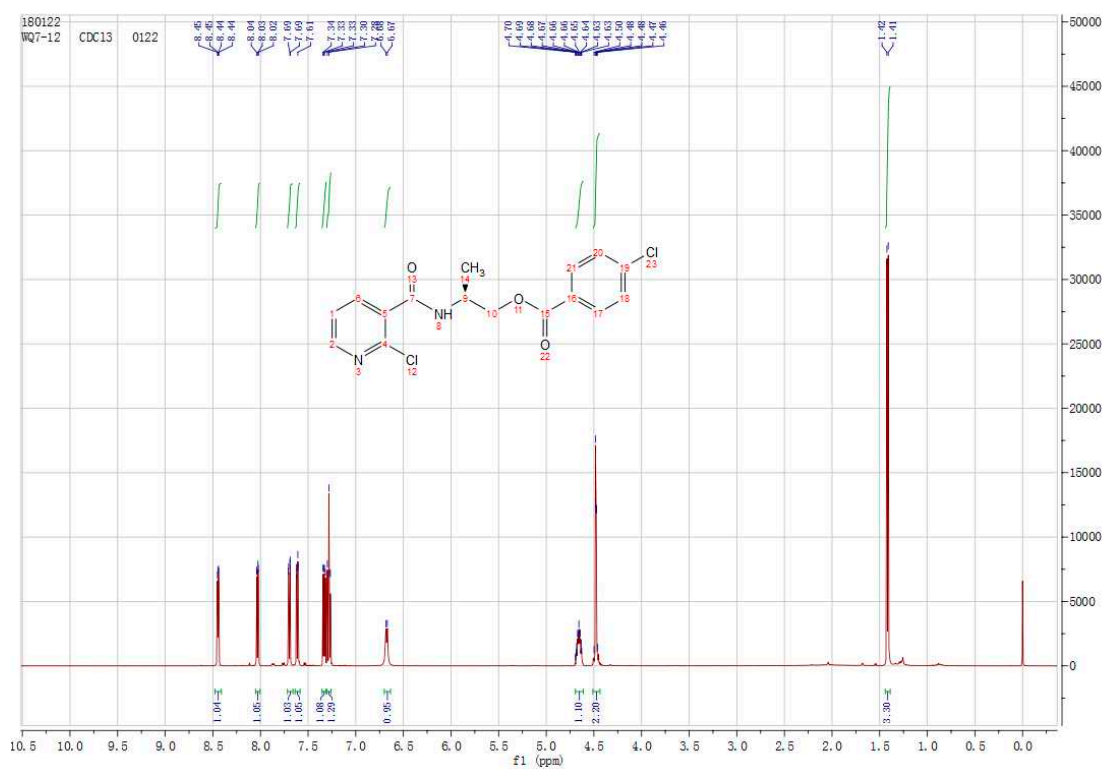


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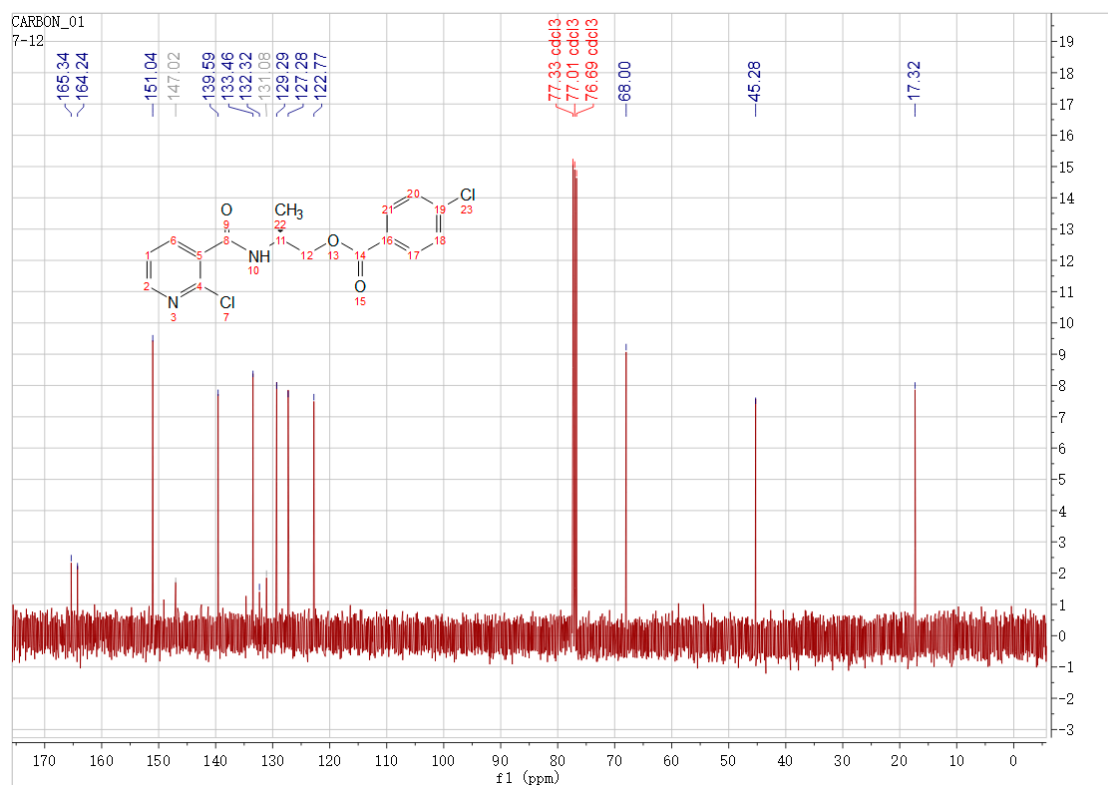
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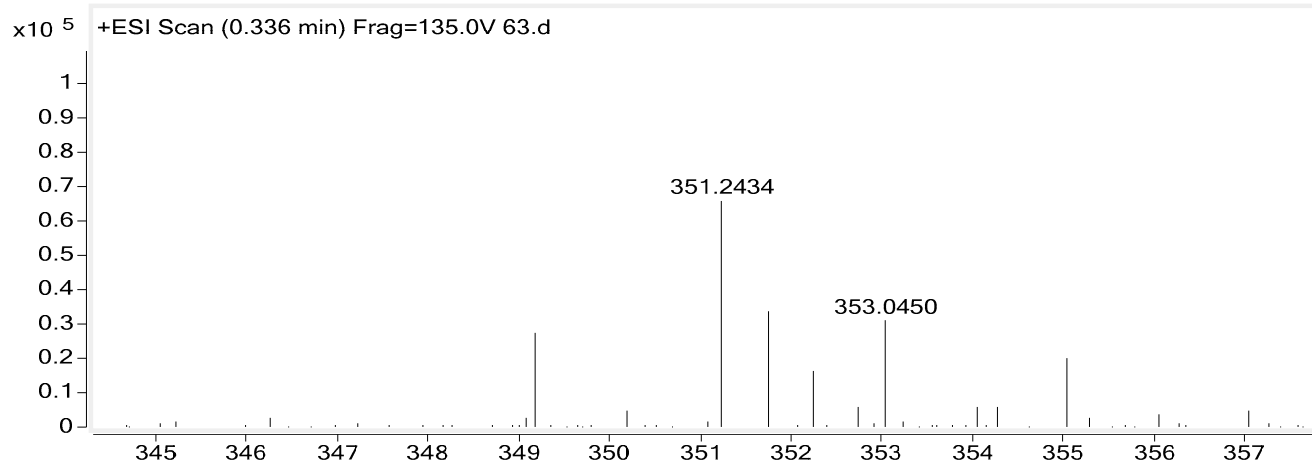
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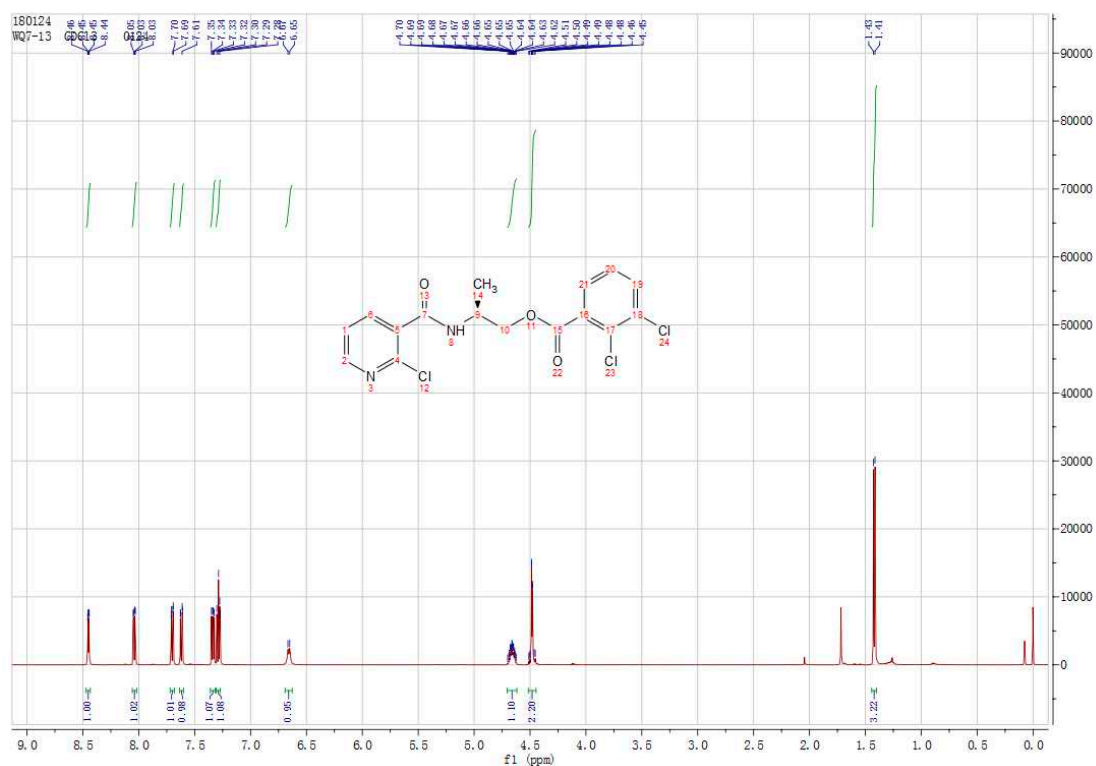
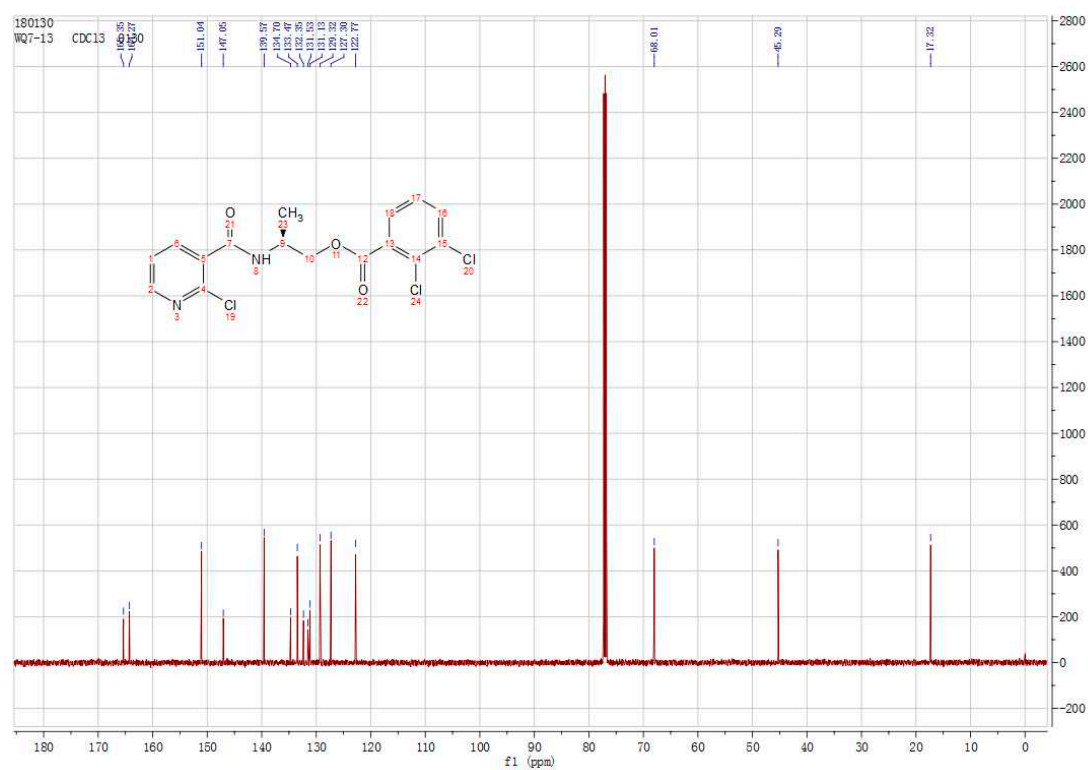
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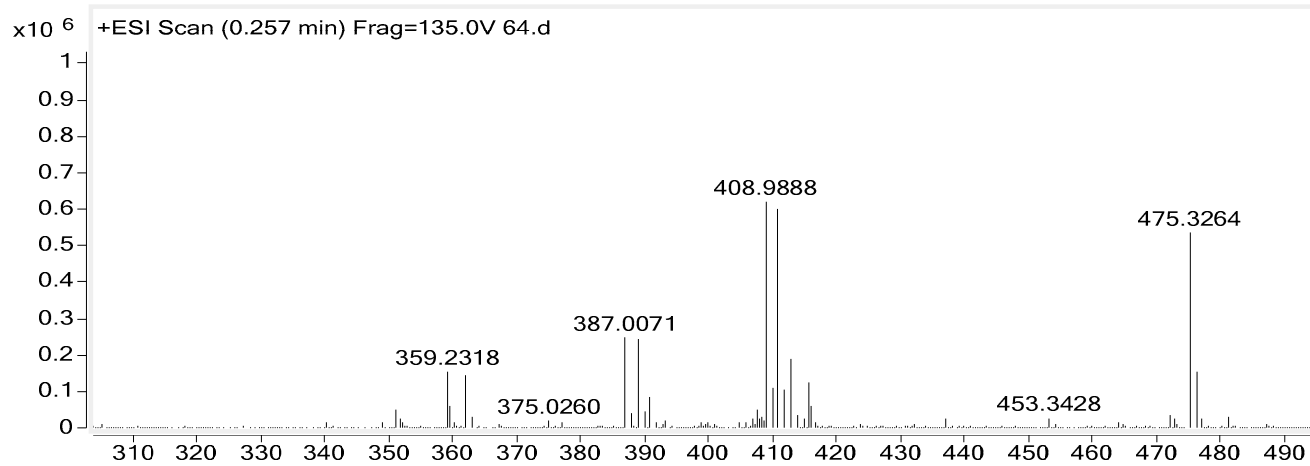


^{13}C NMR of compound 31

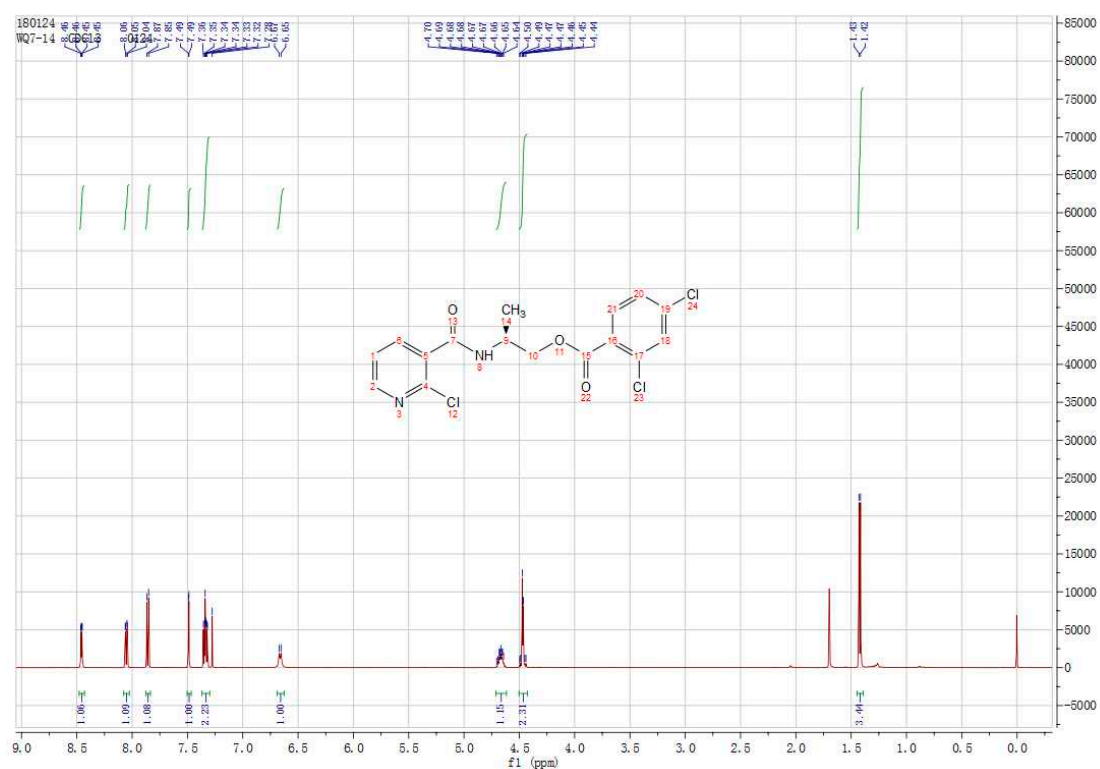


HRMS of compound 31

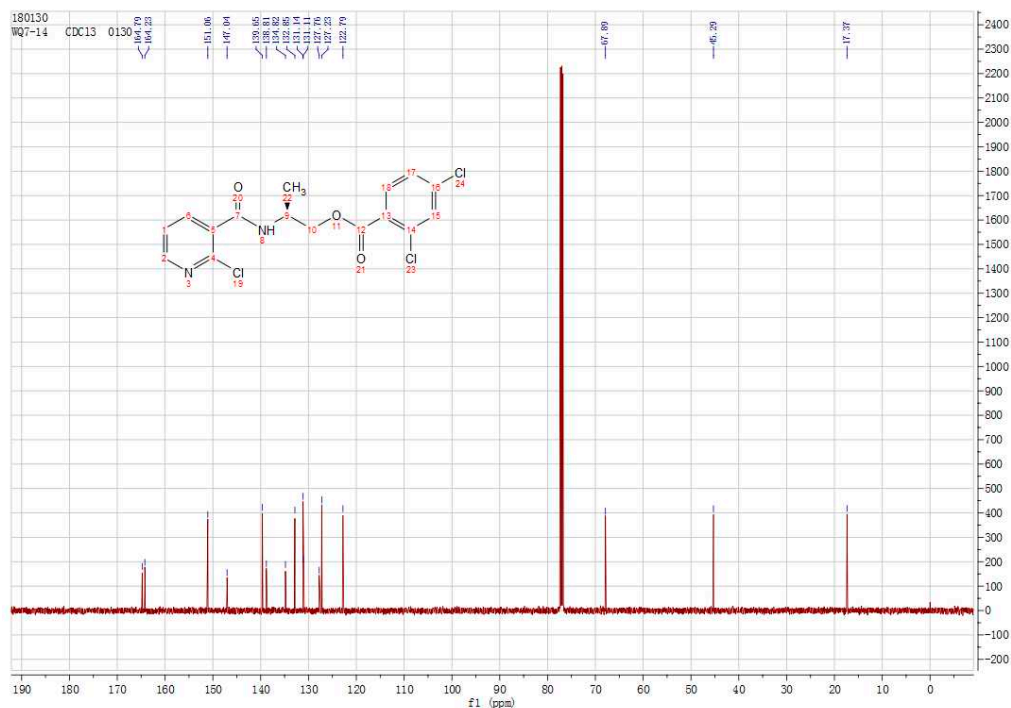
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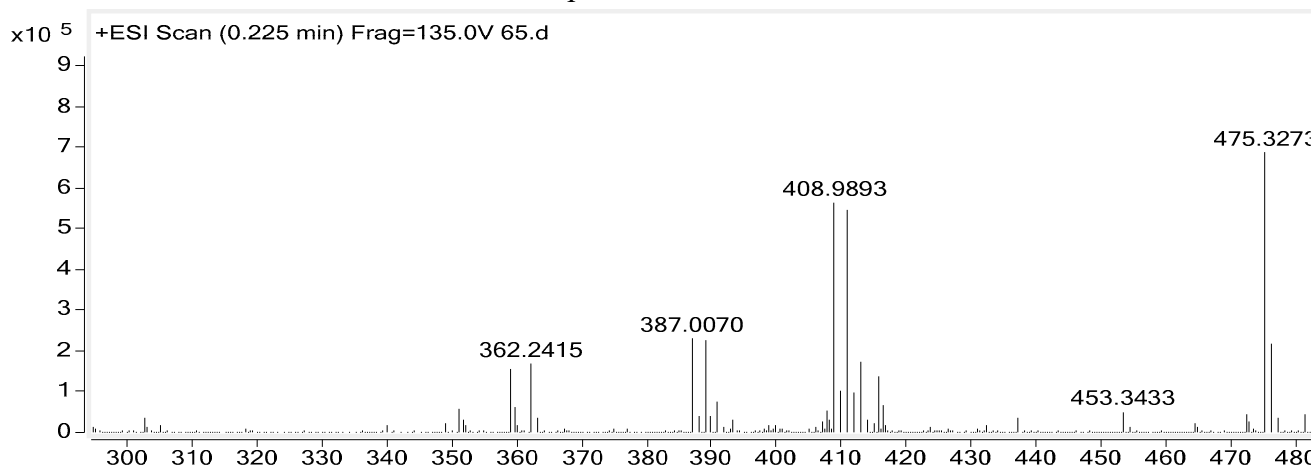
HRMS of compound 3m



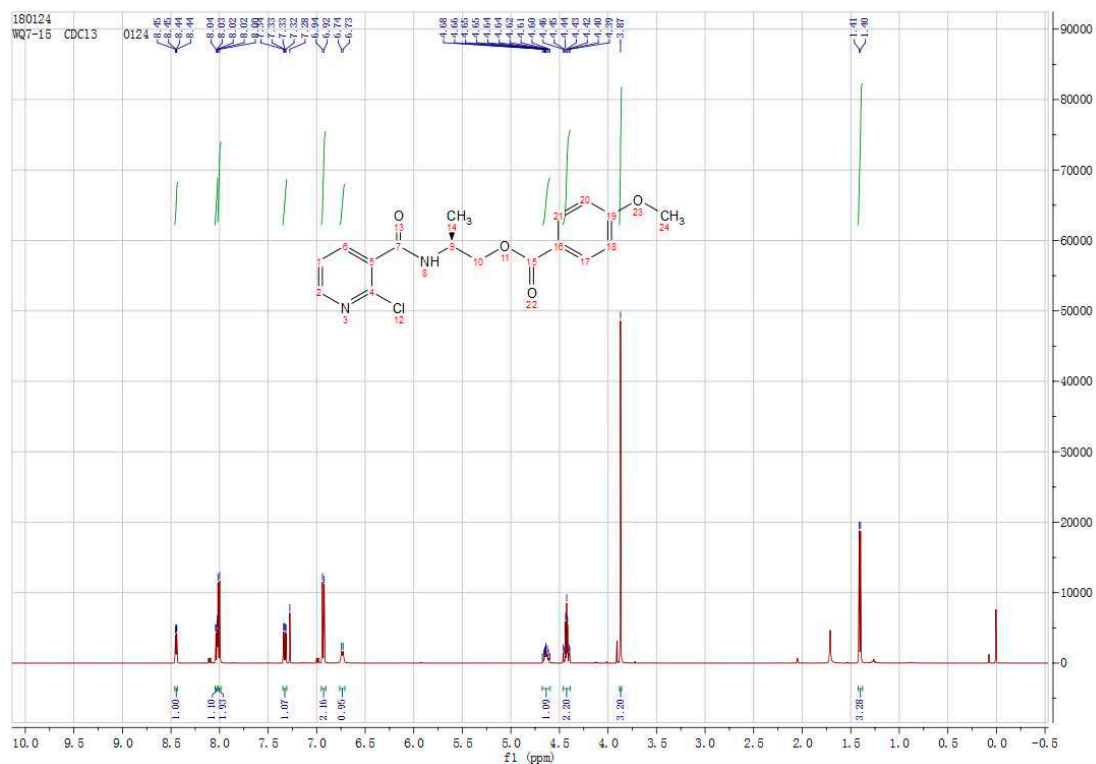
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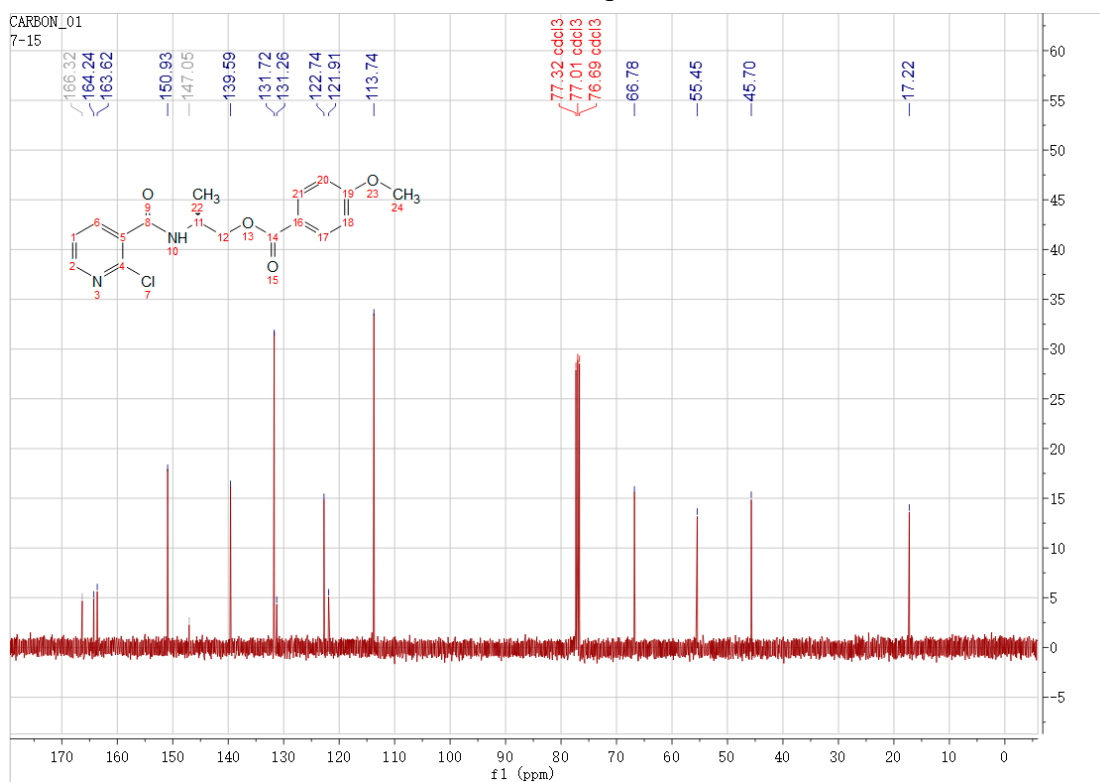
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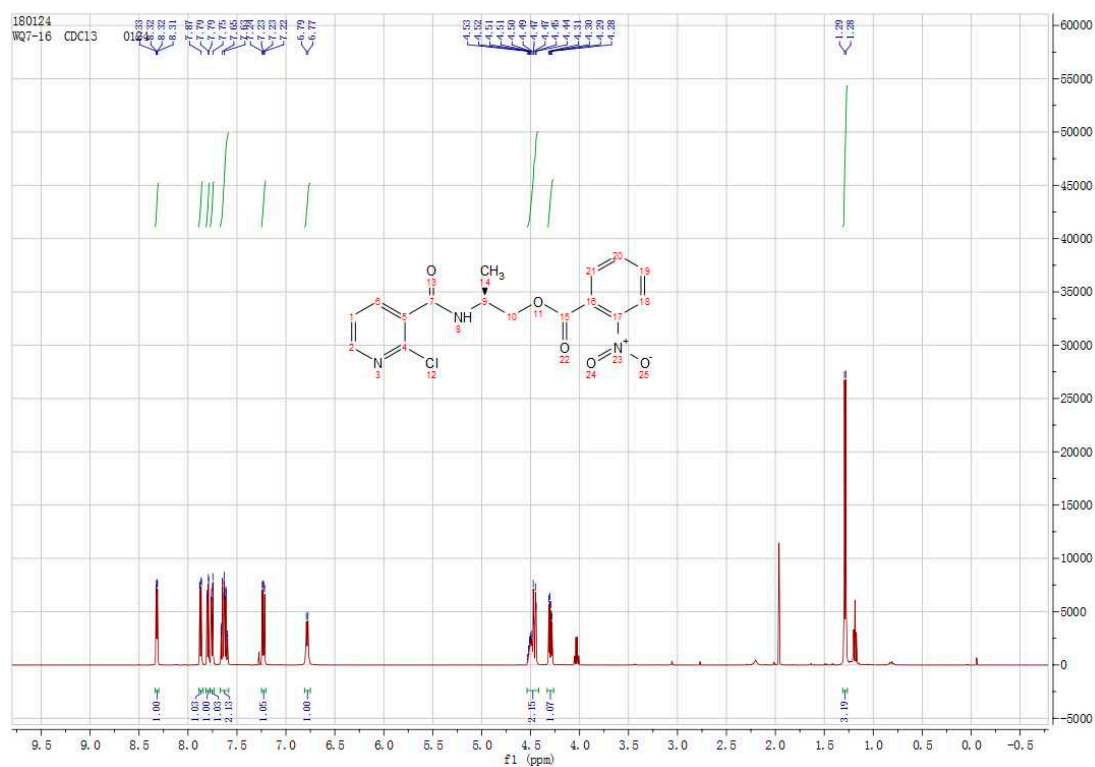
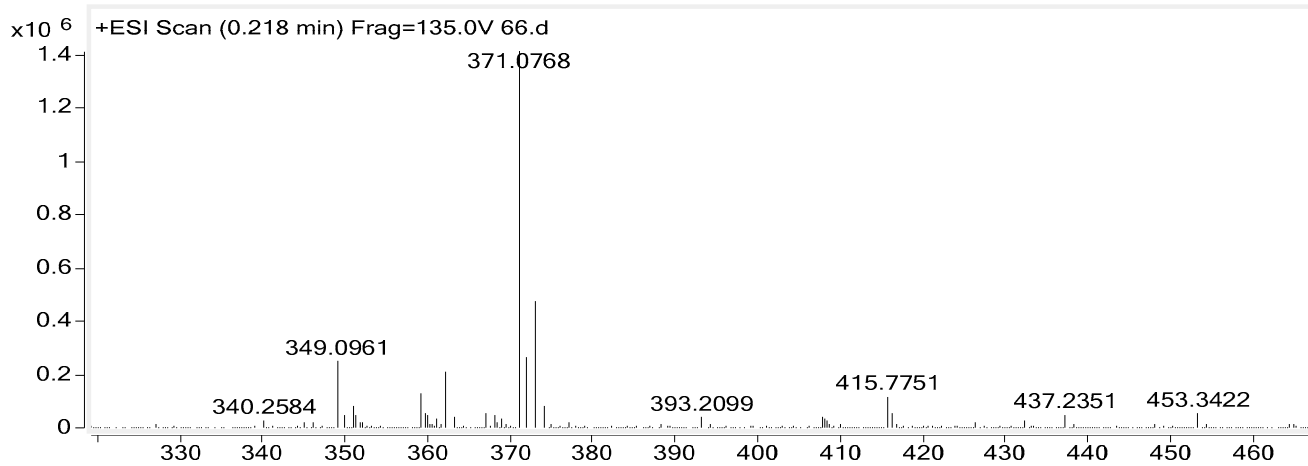
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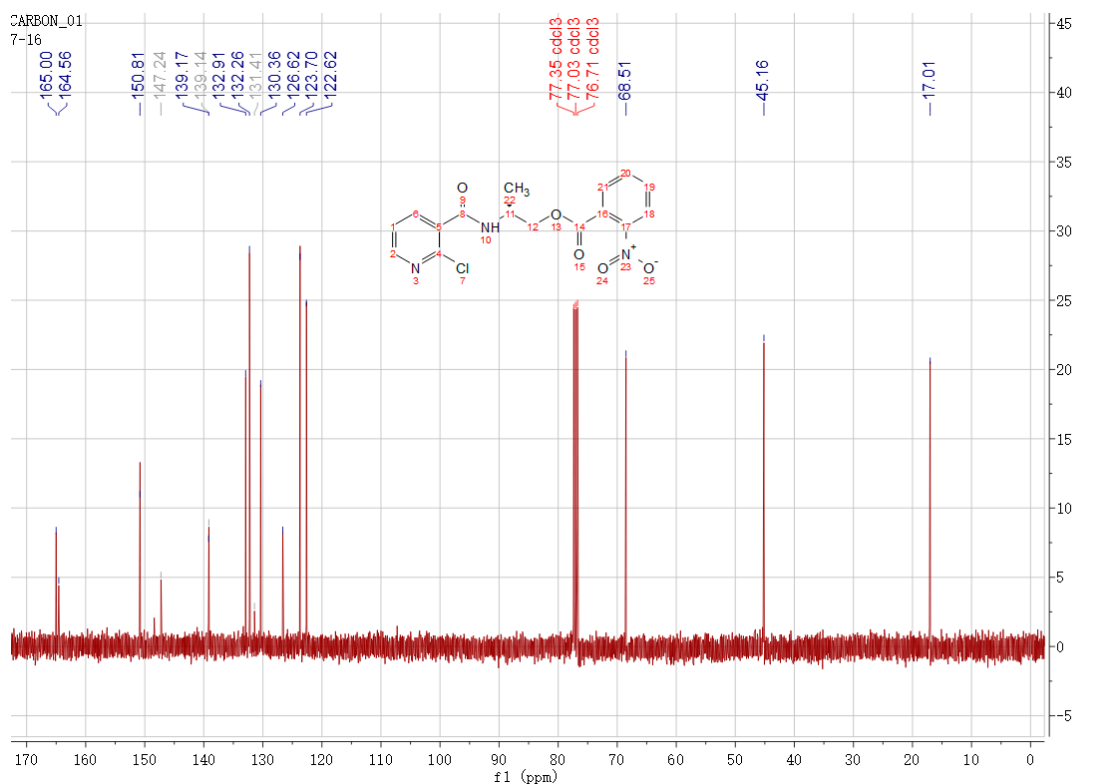


¹H NMR of compound 3o

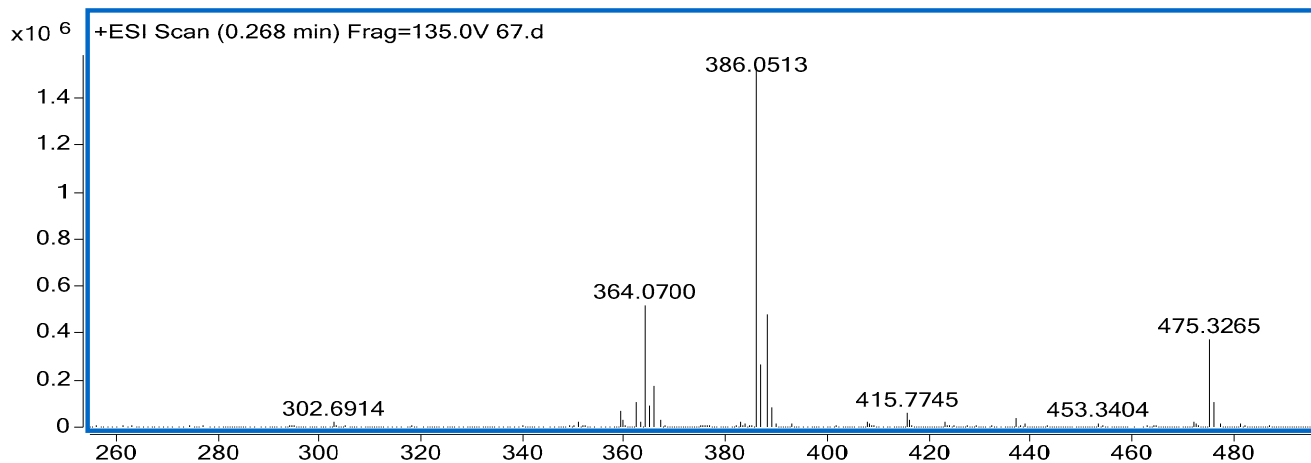


¹³C NMR of compound 3o





¹³C NMR of compound 3p



HRMS of compound 3p