

Supporting Information

Discovery of *in vivo* active sphingosine-1-phosphate transporter (Spns2) inhibitors

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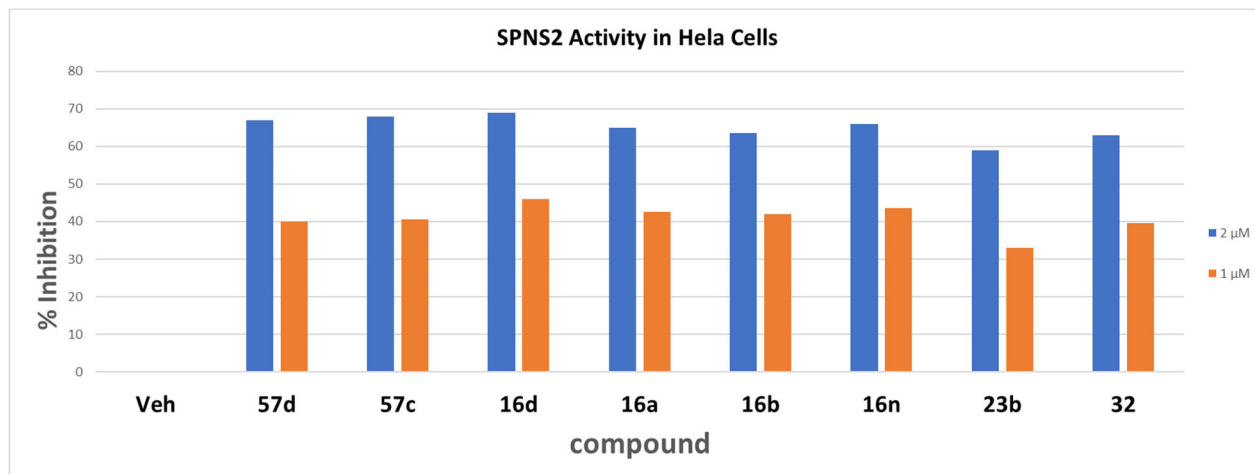
[‡]Virginia Tech Center for Drug Discovery, Virginia Tech, Blacksburg, VA 24060, USA

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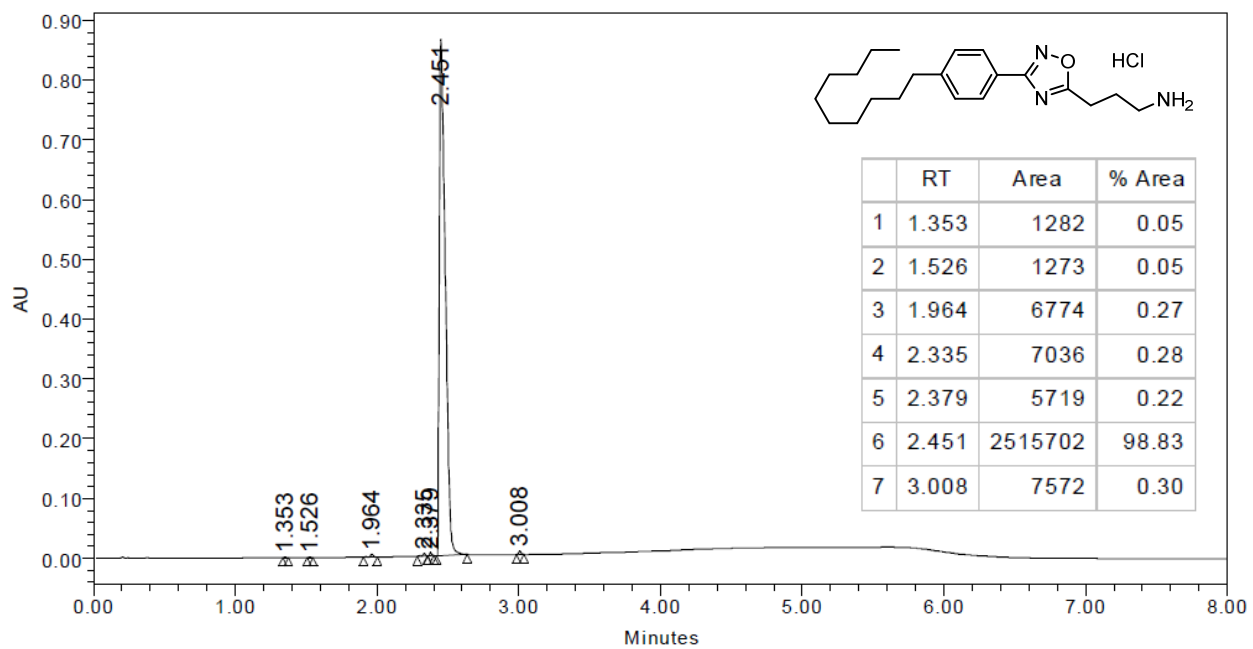
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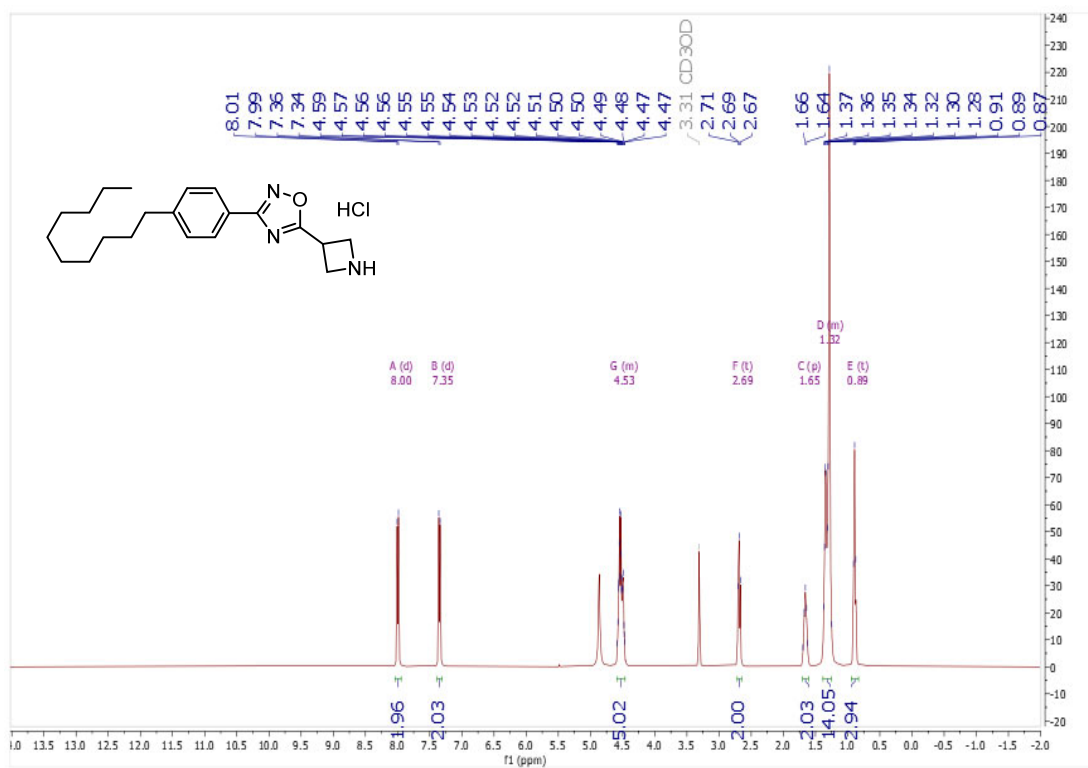
Spns2 activity of select compounds.



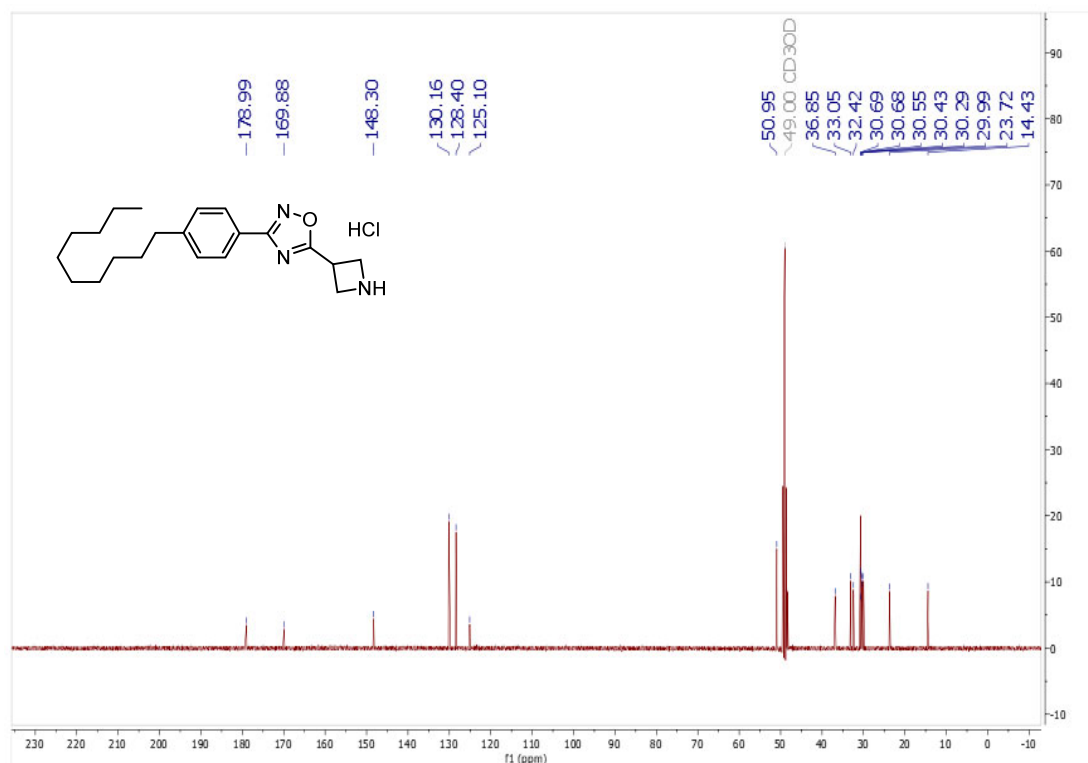
HPLC trace for Compound 16d.



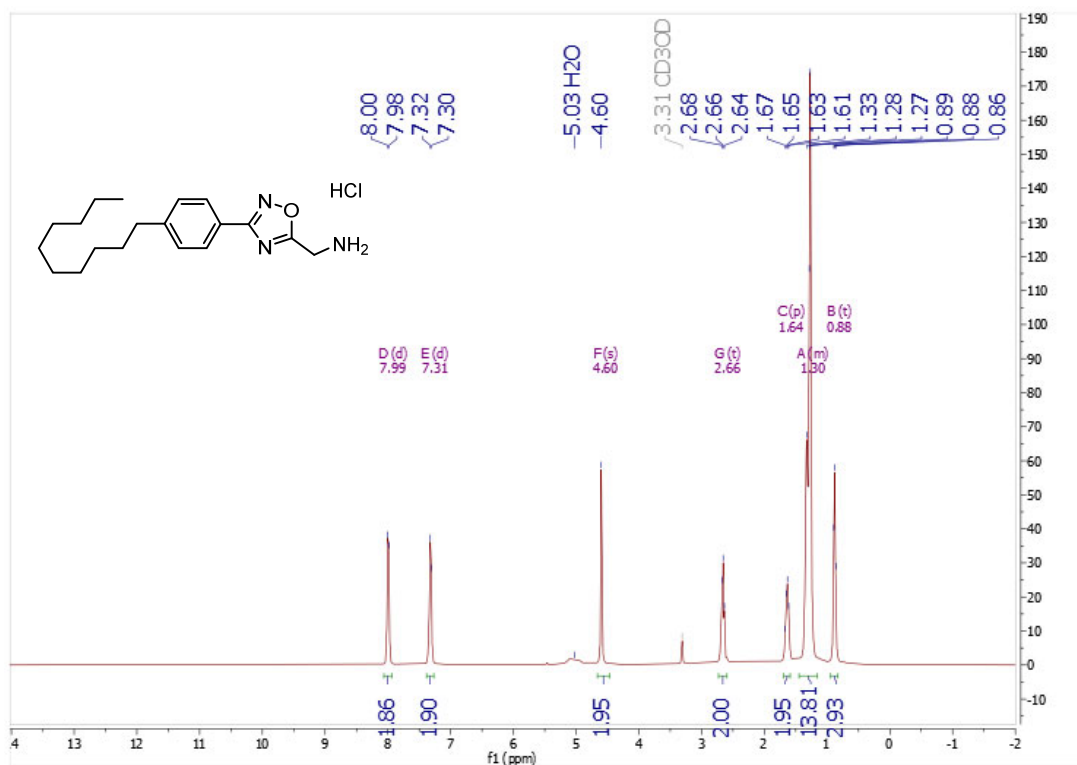
¹H NMR (400 MHz, CD₃OD) **16a**



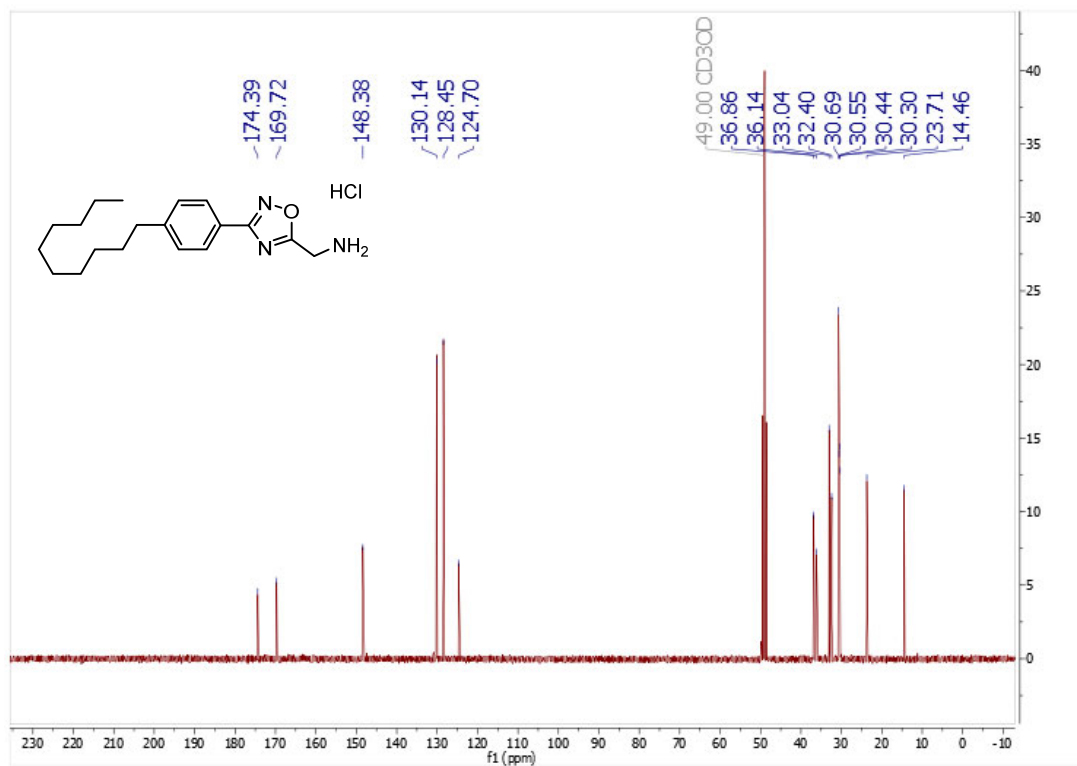
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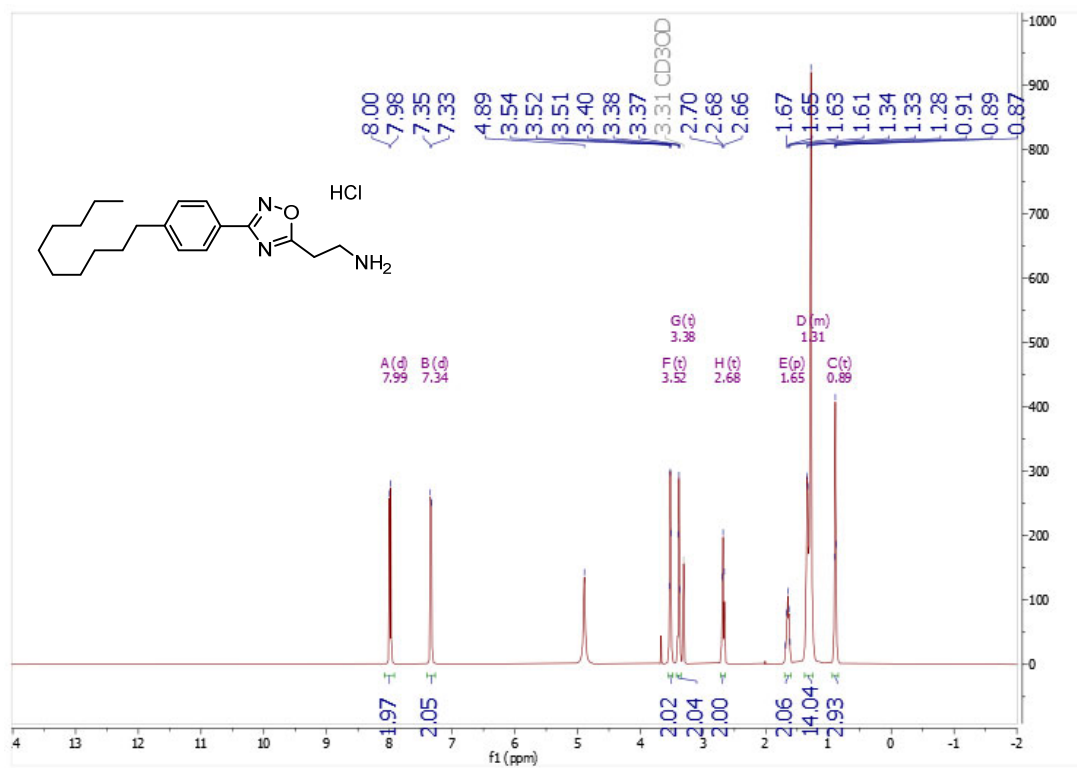
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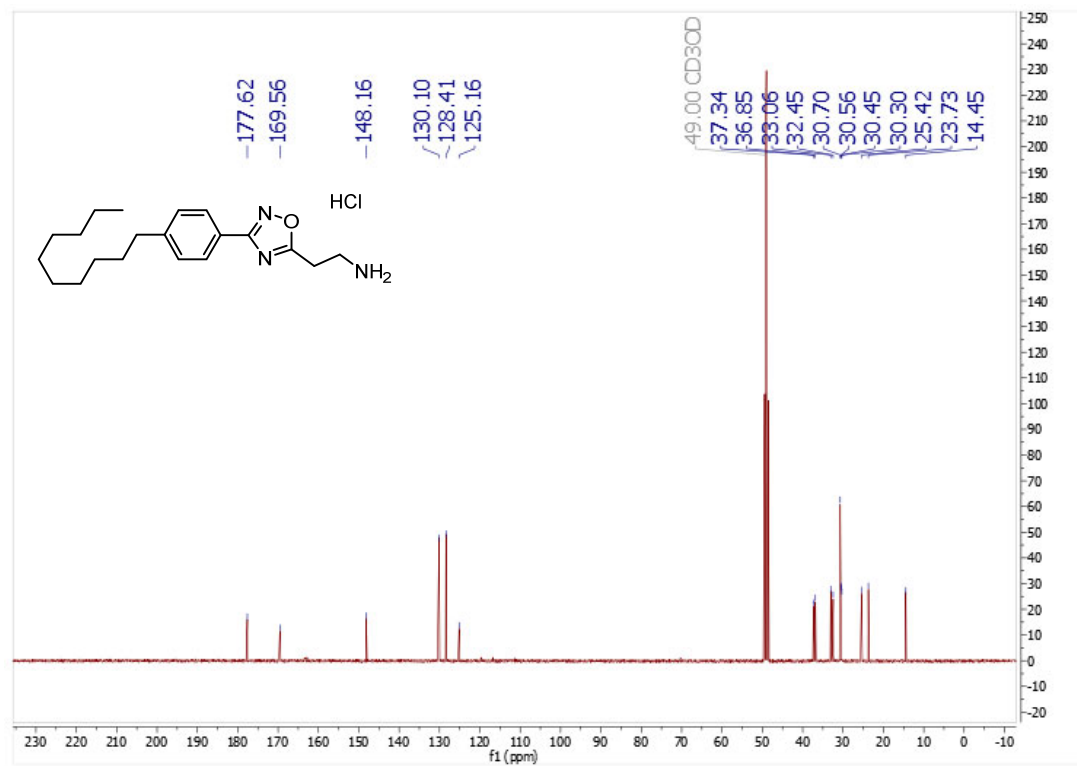
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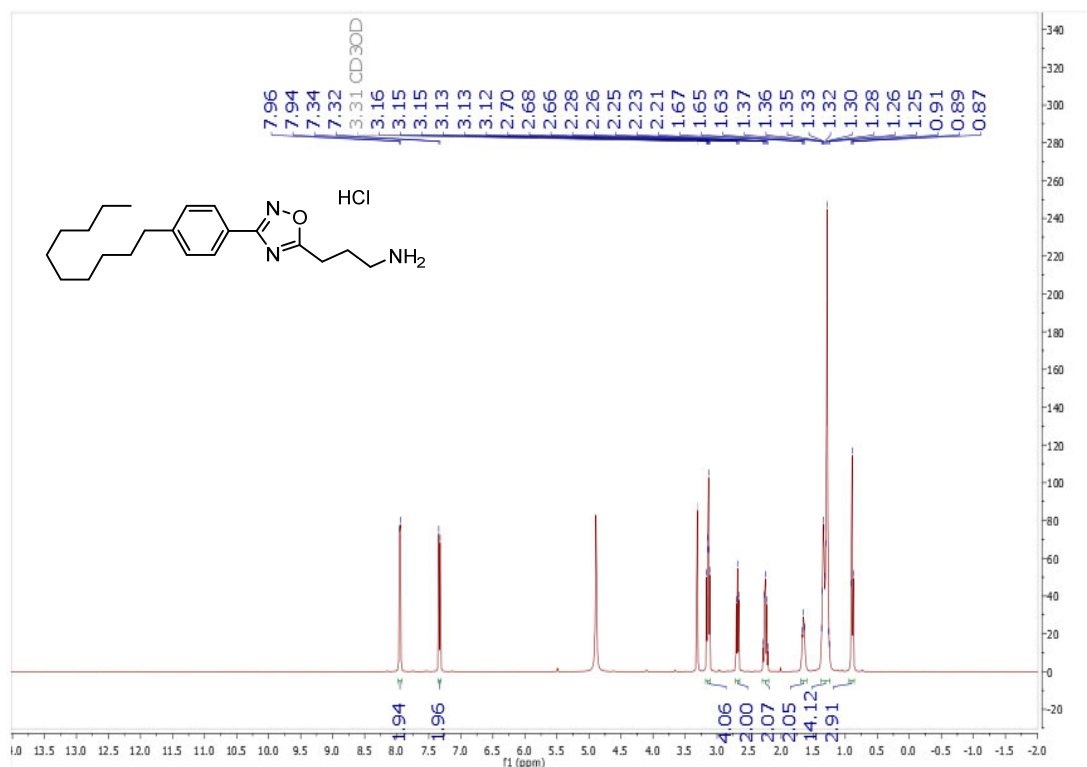
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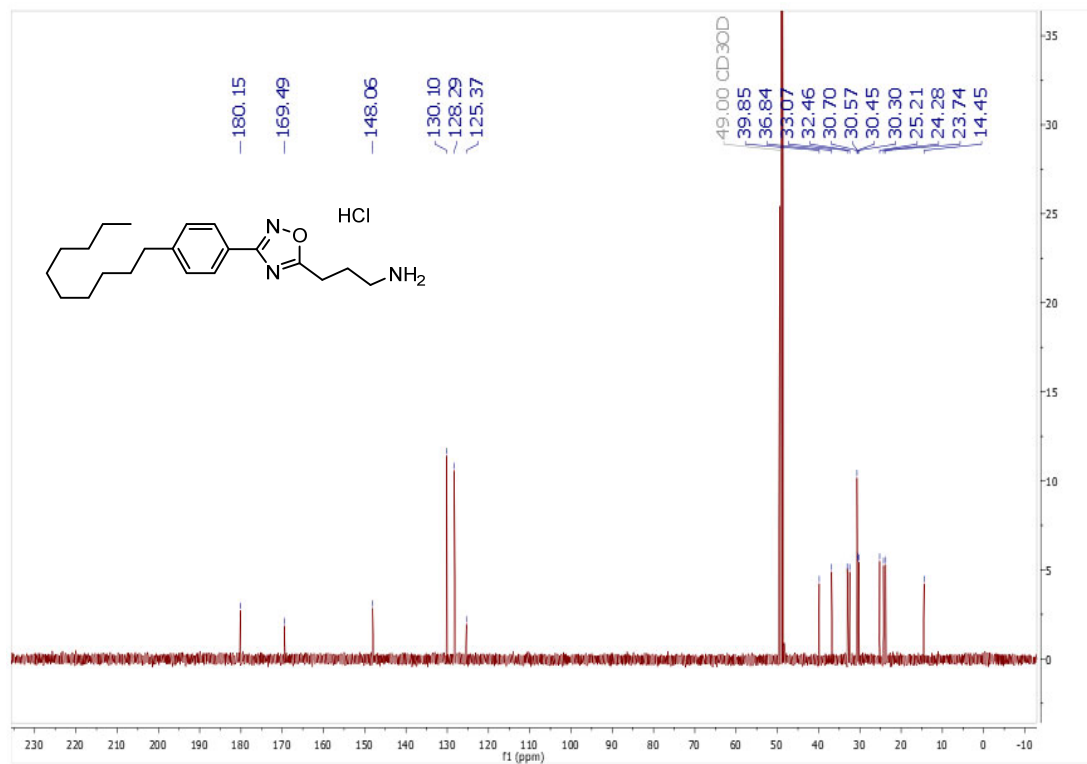
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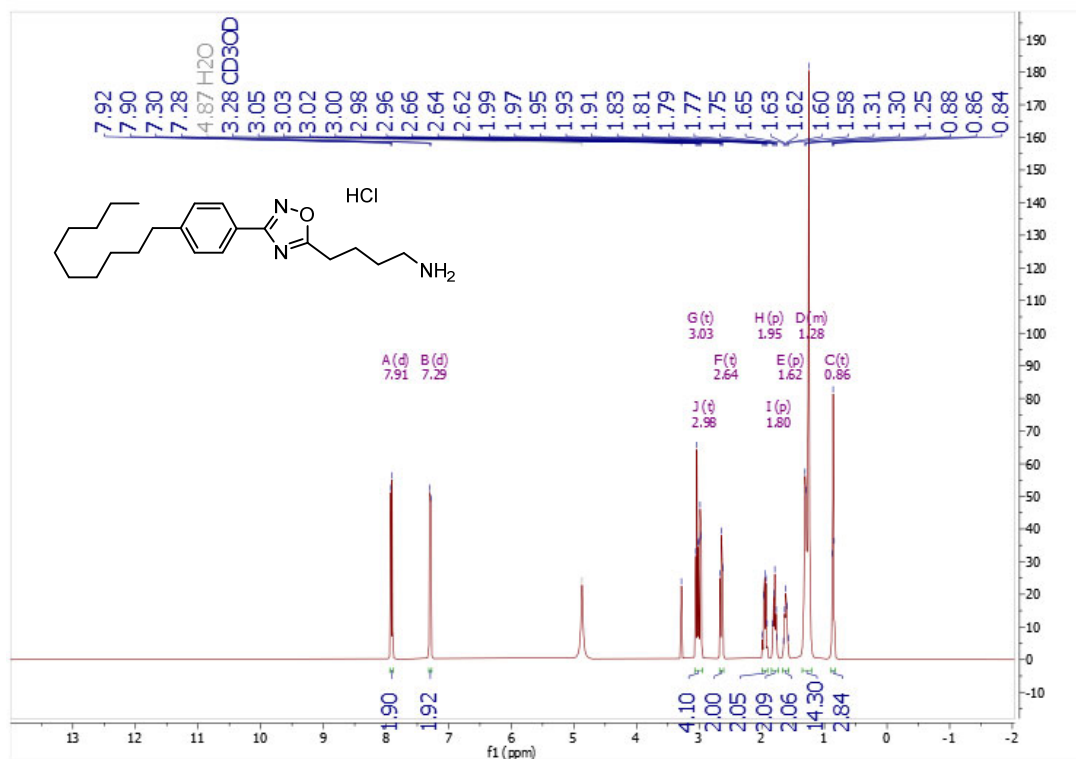
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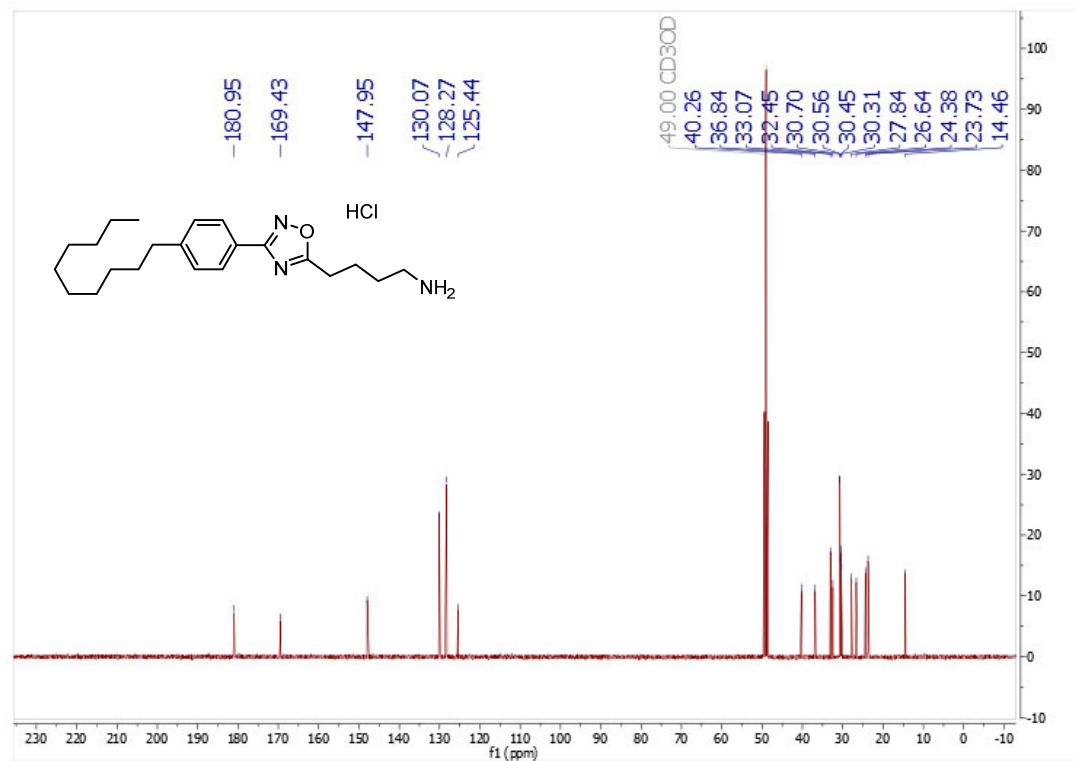
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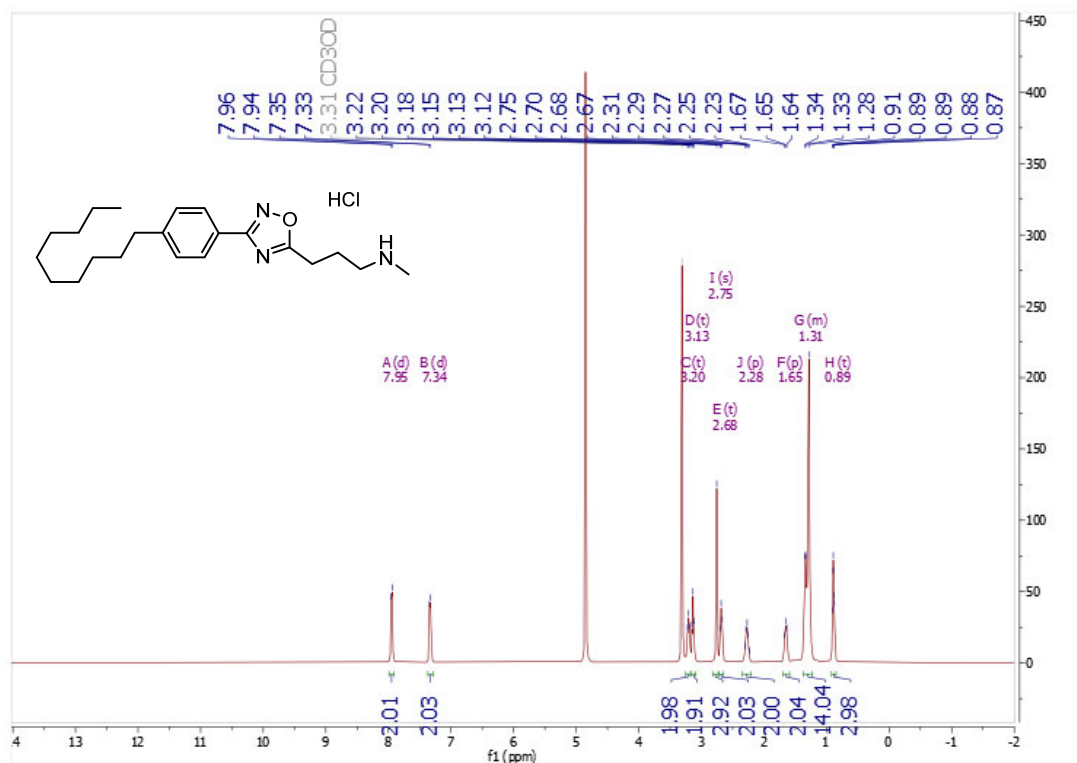
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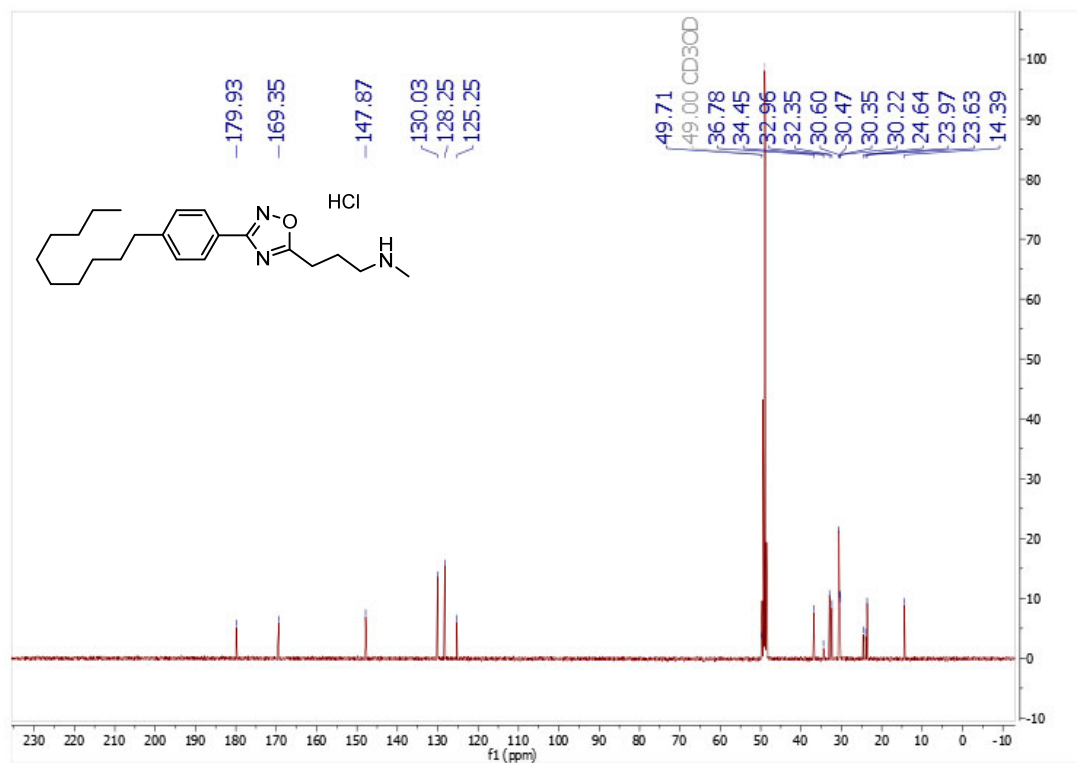
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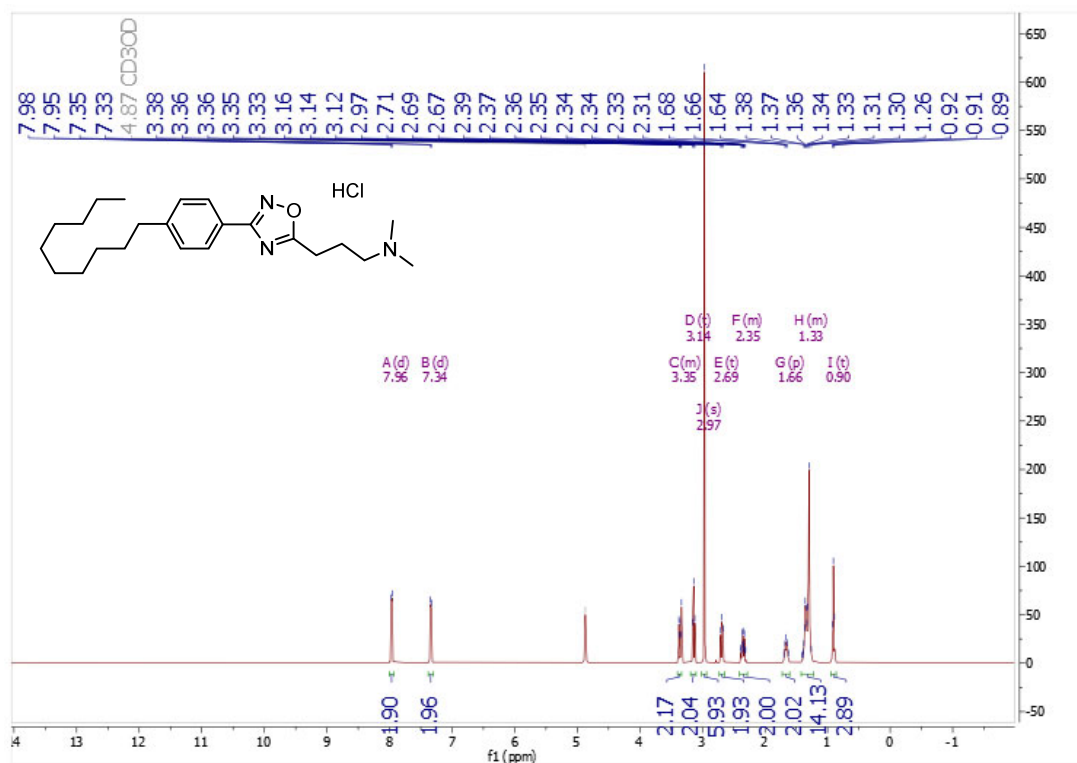
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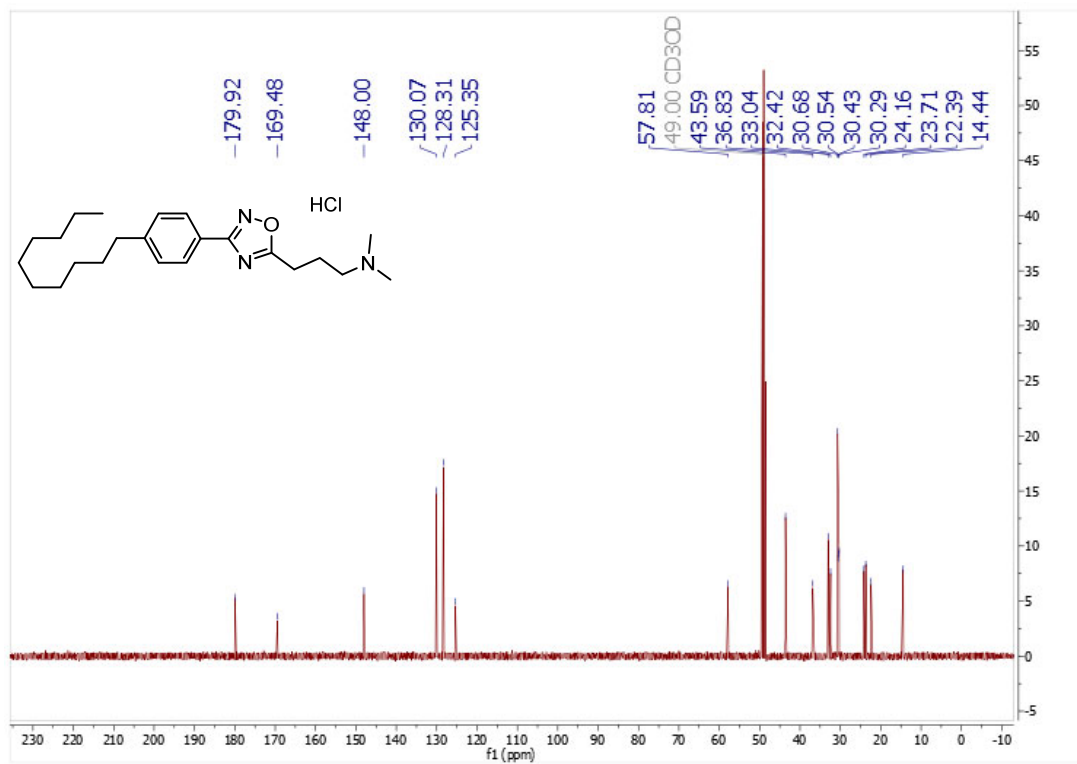
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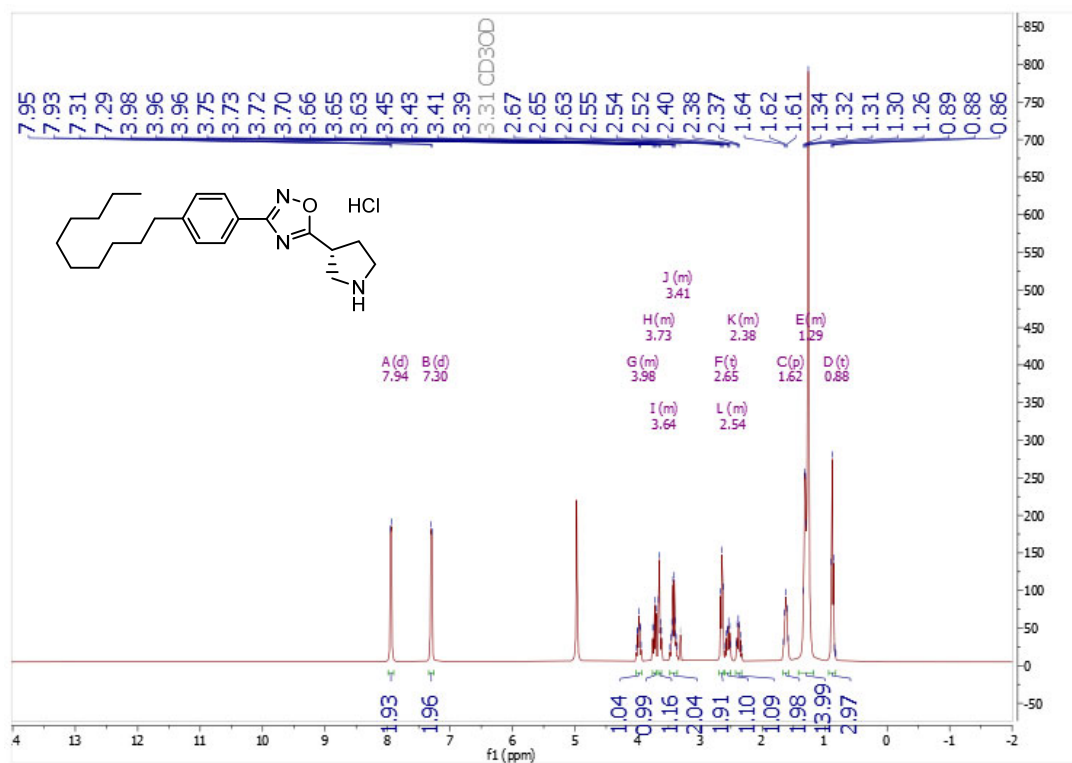
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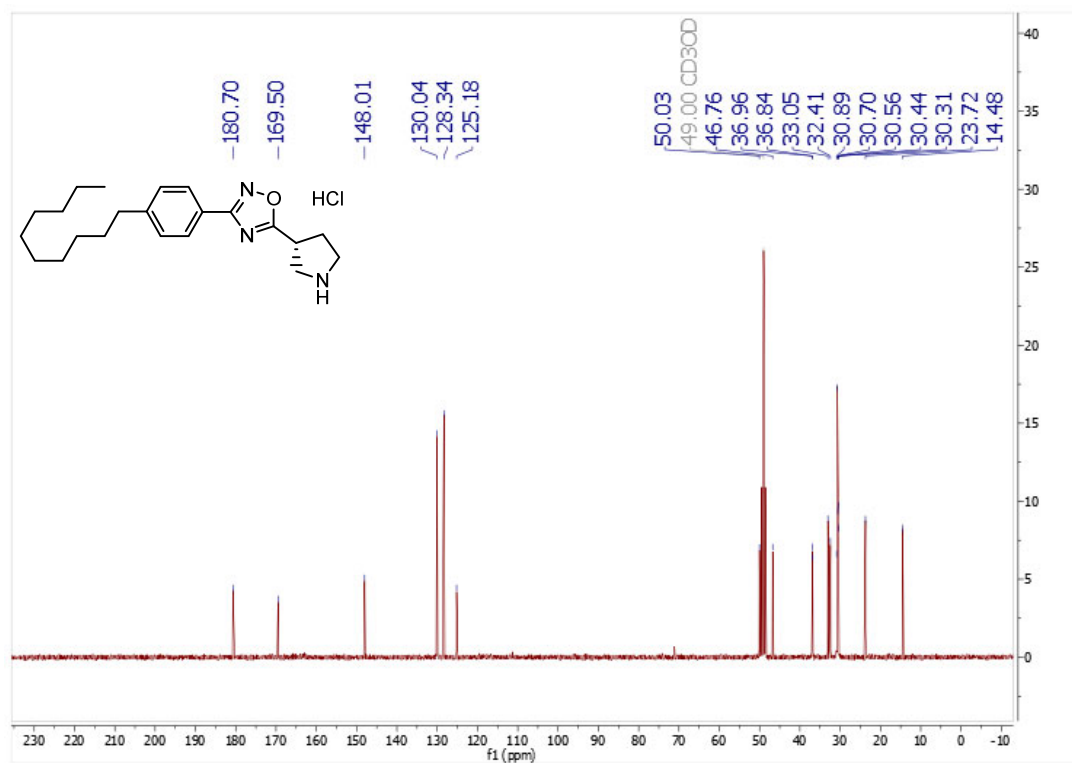
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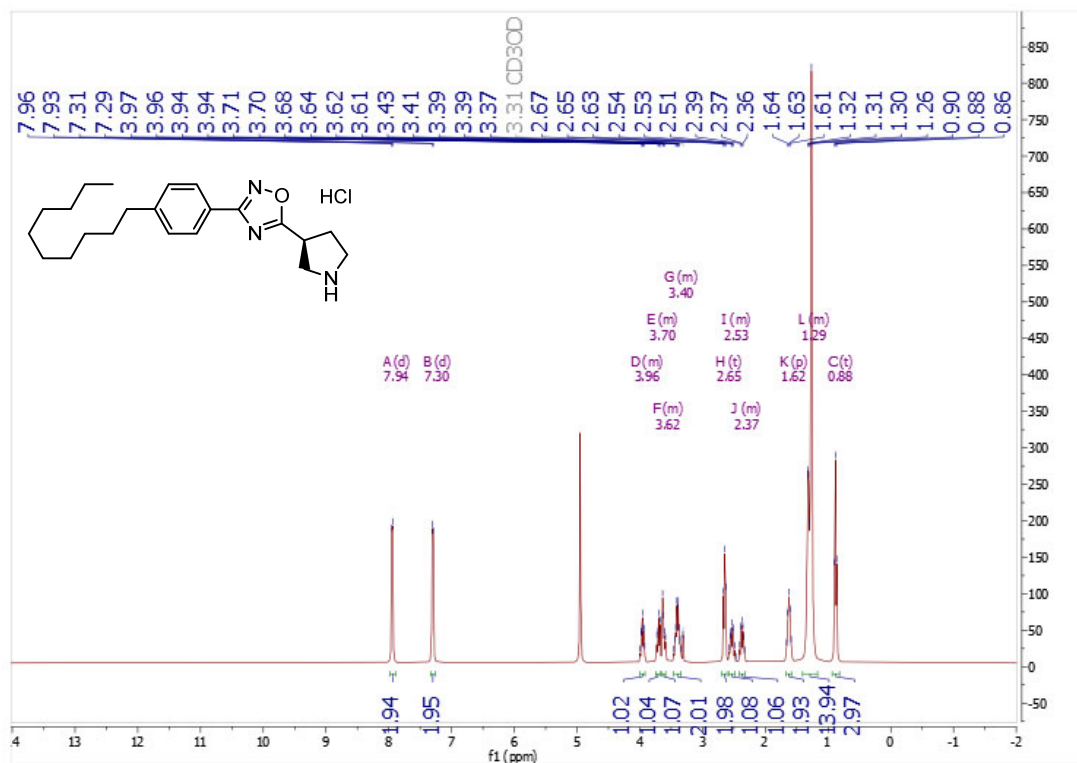
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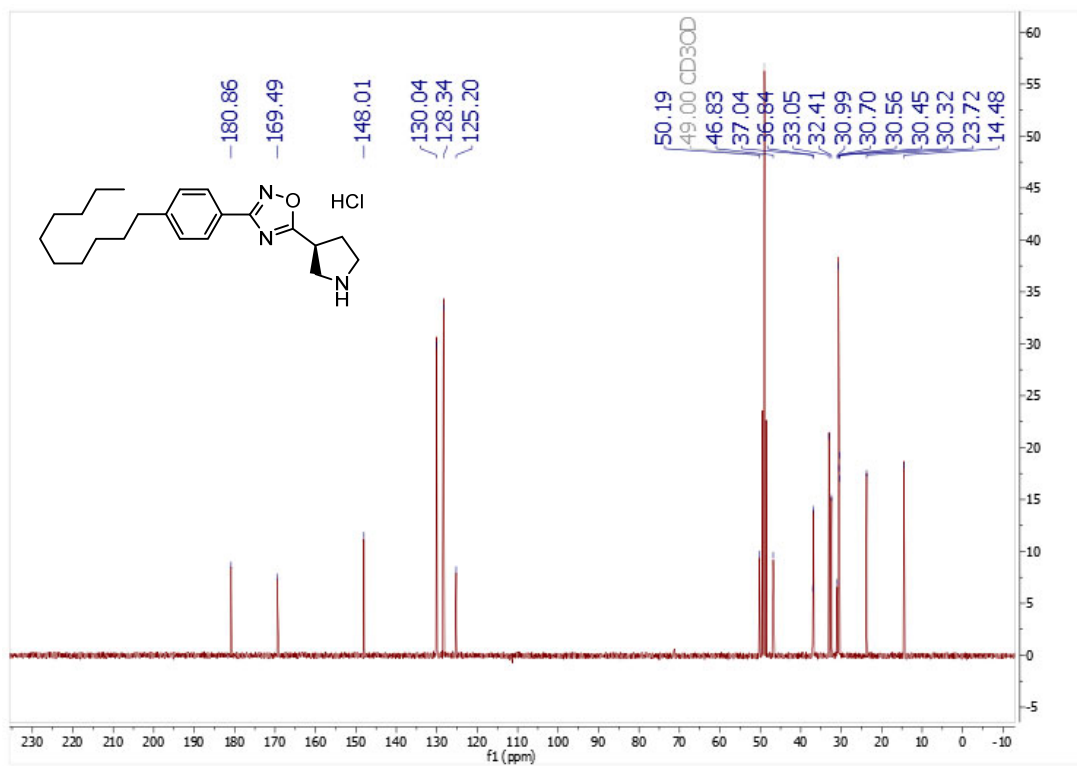
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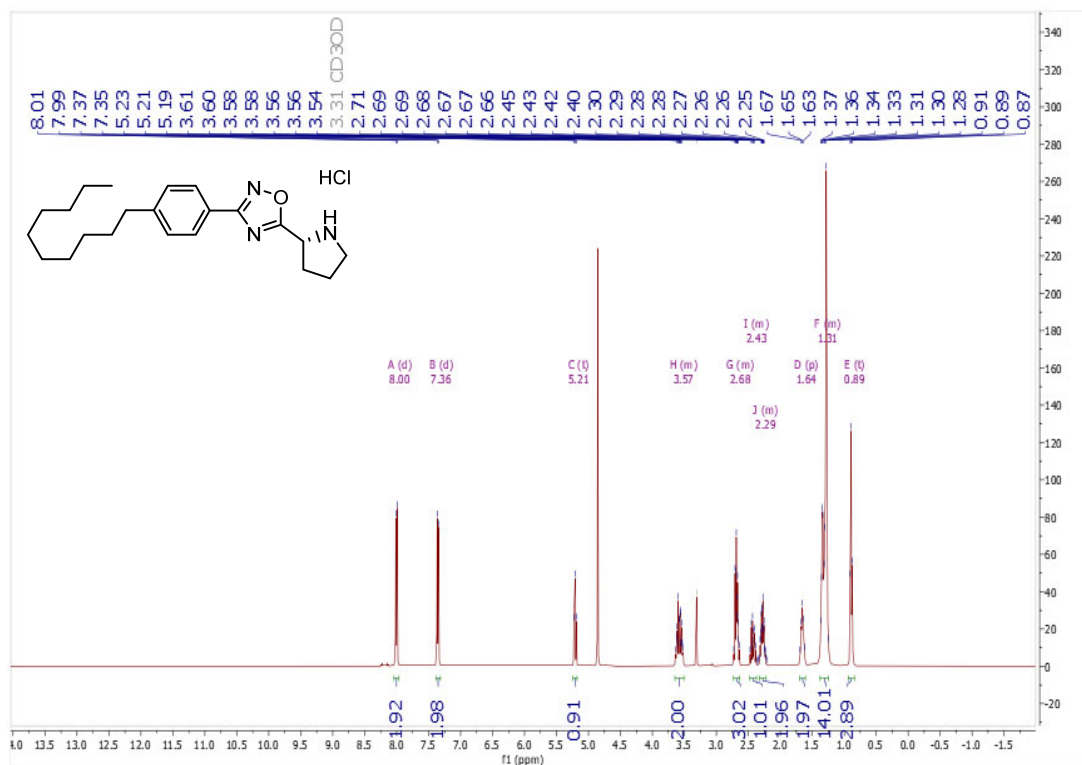
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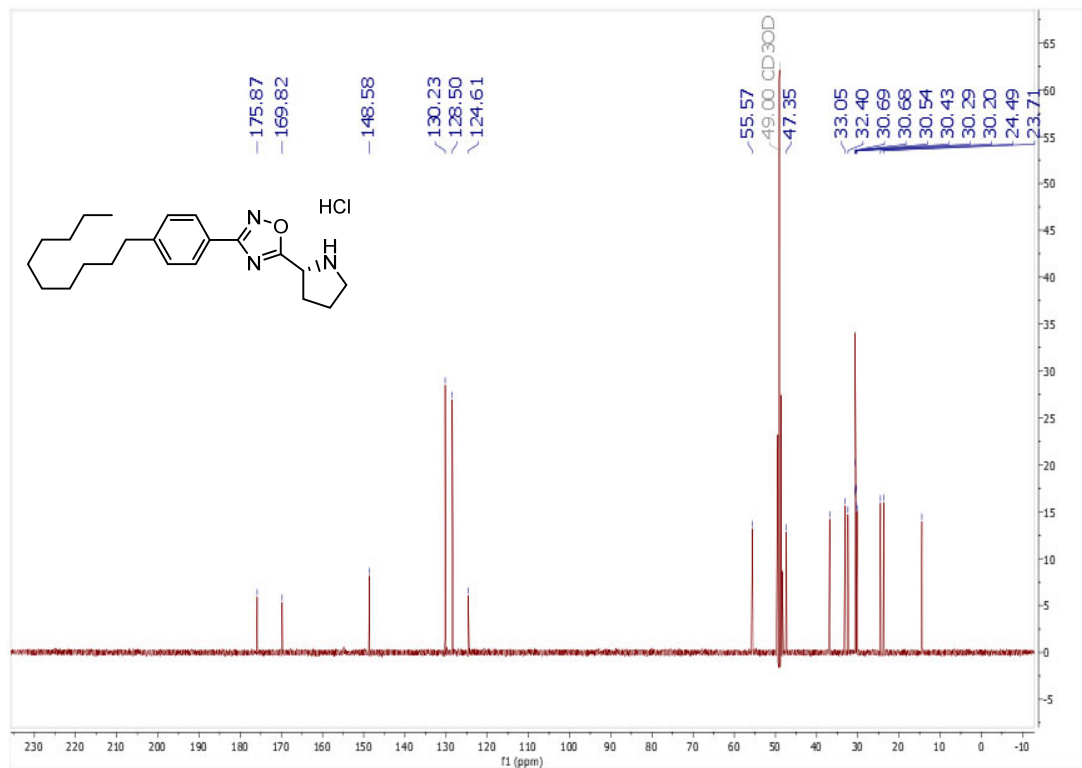
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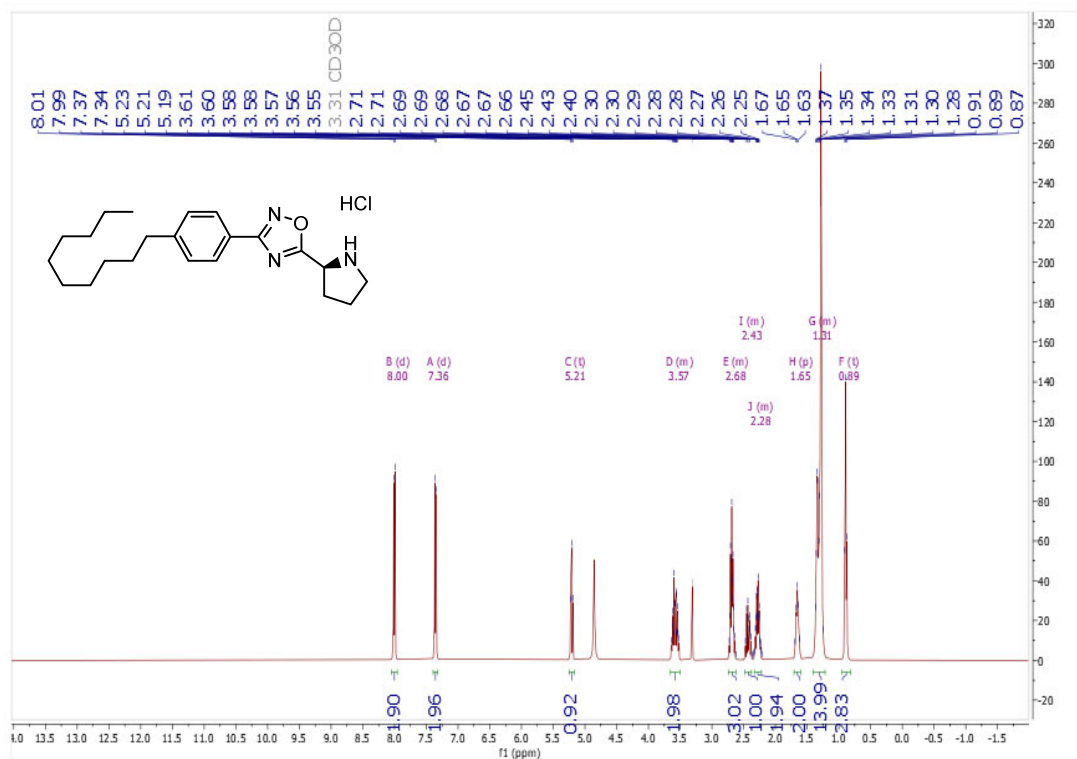
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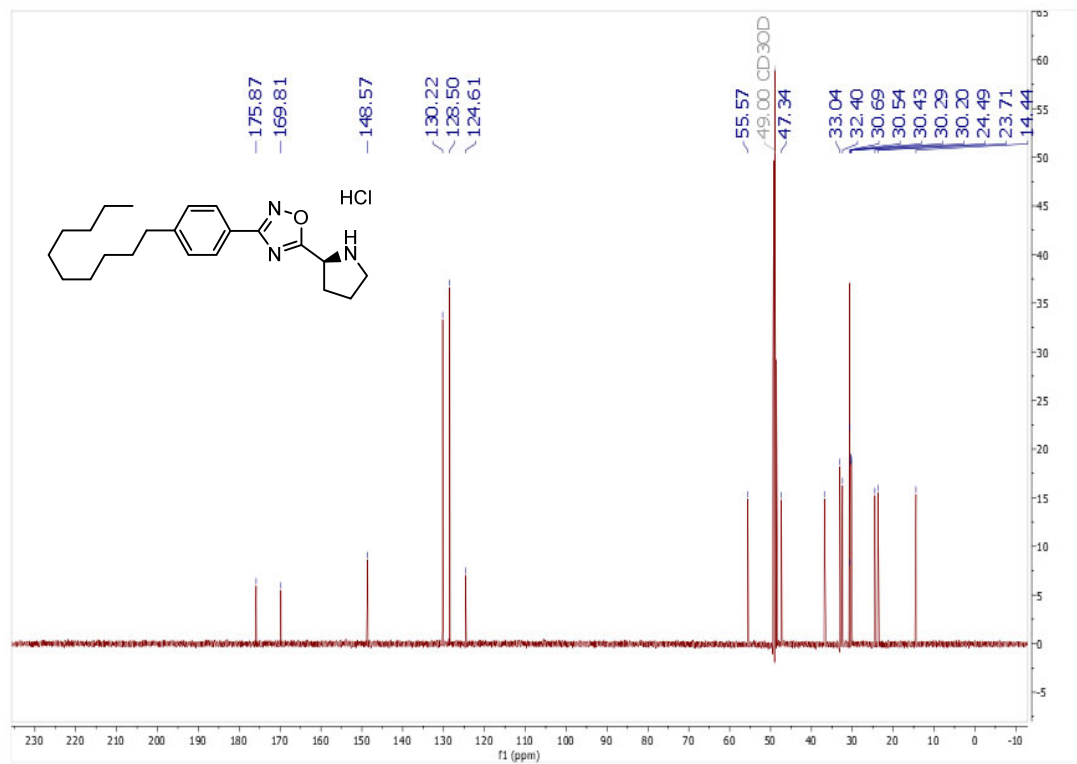
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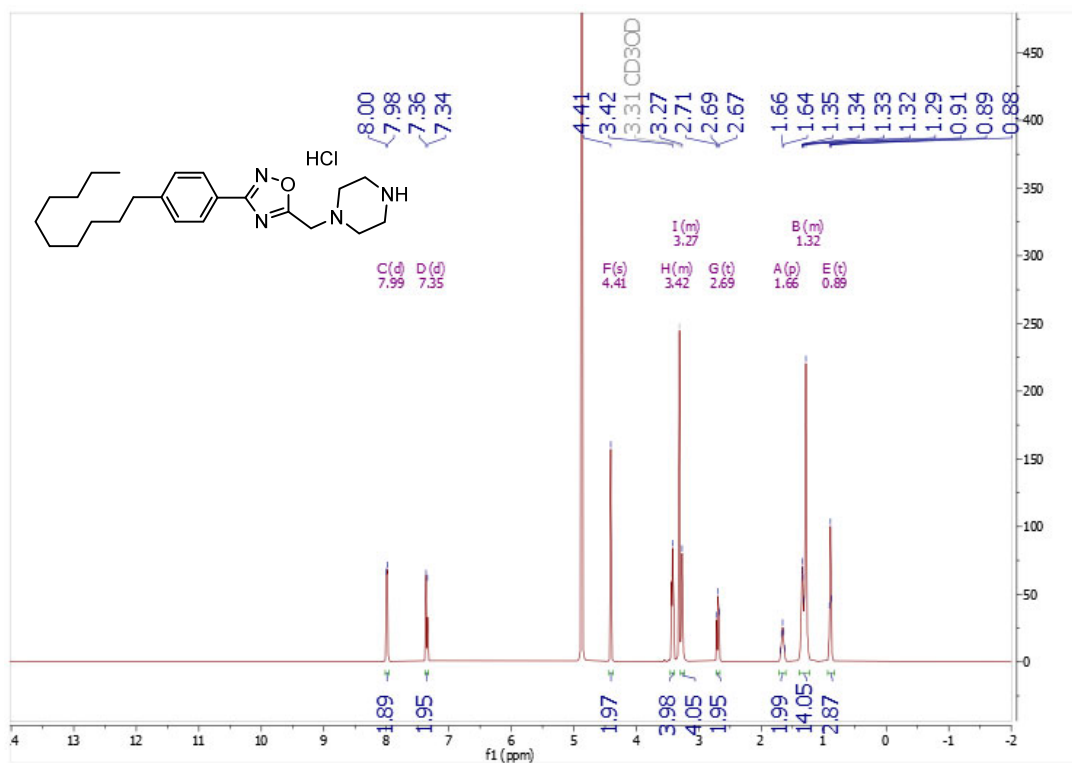
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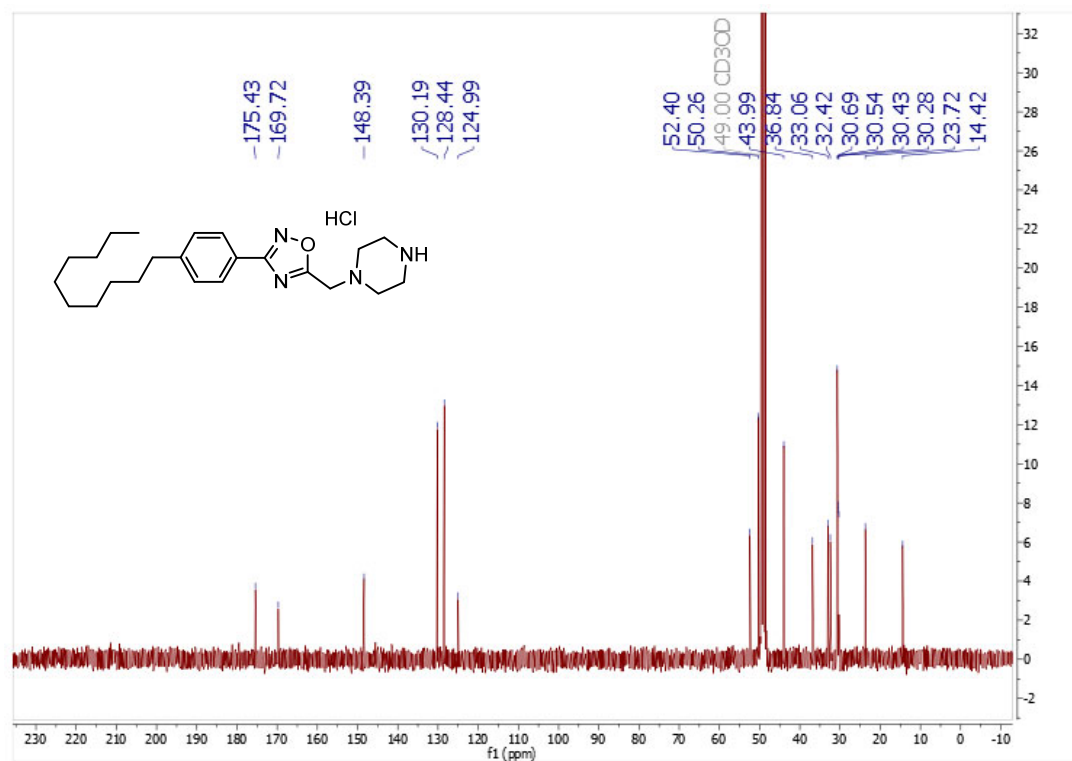
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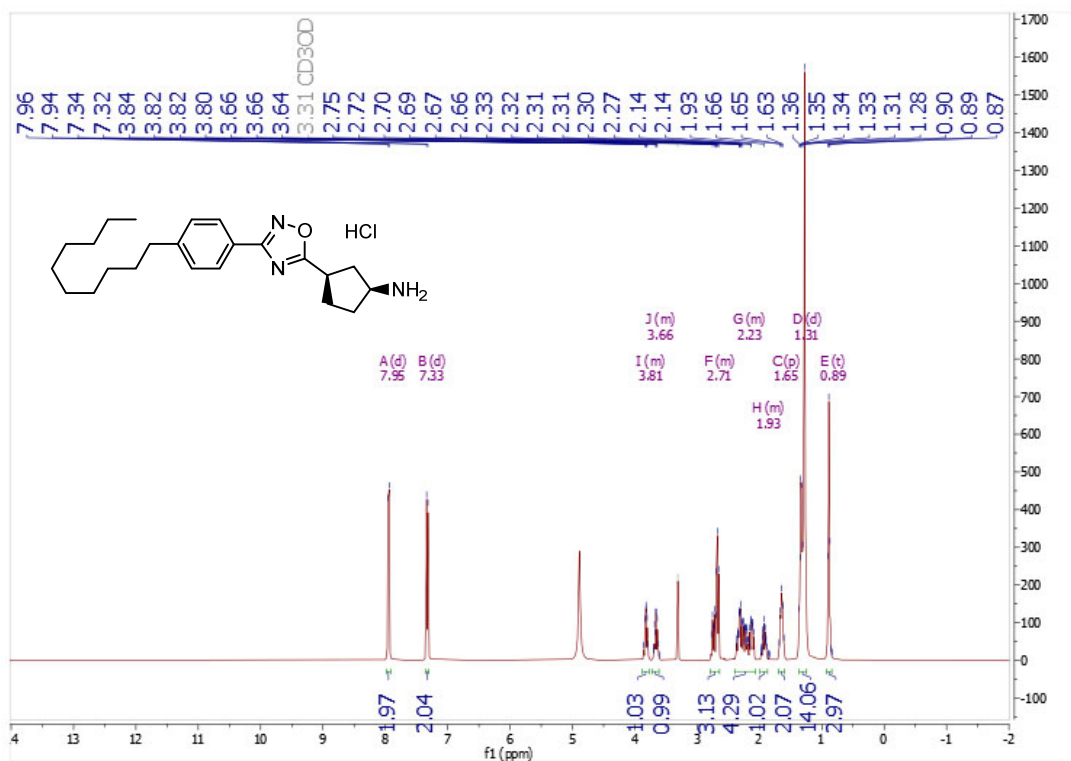
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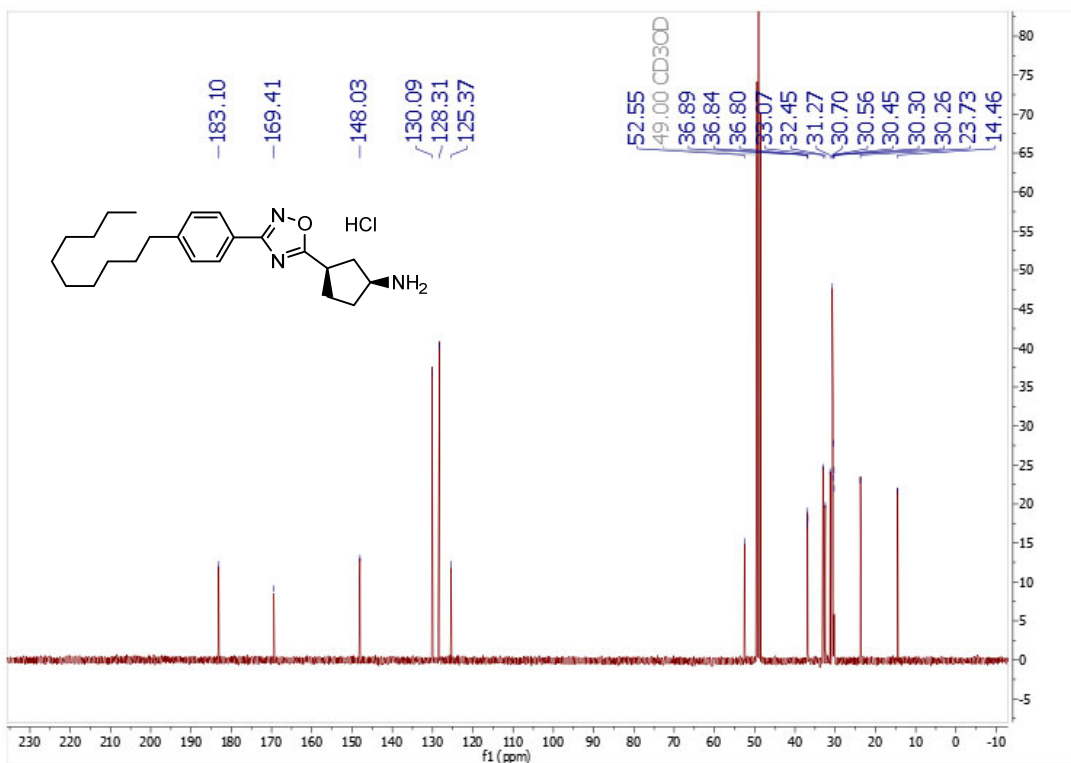
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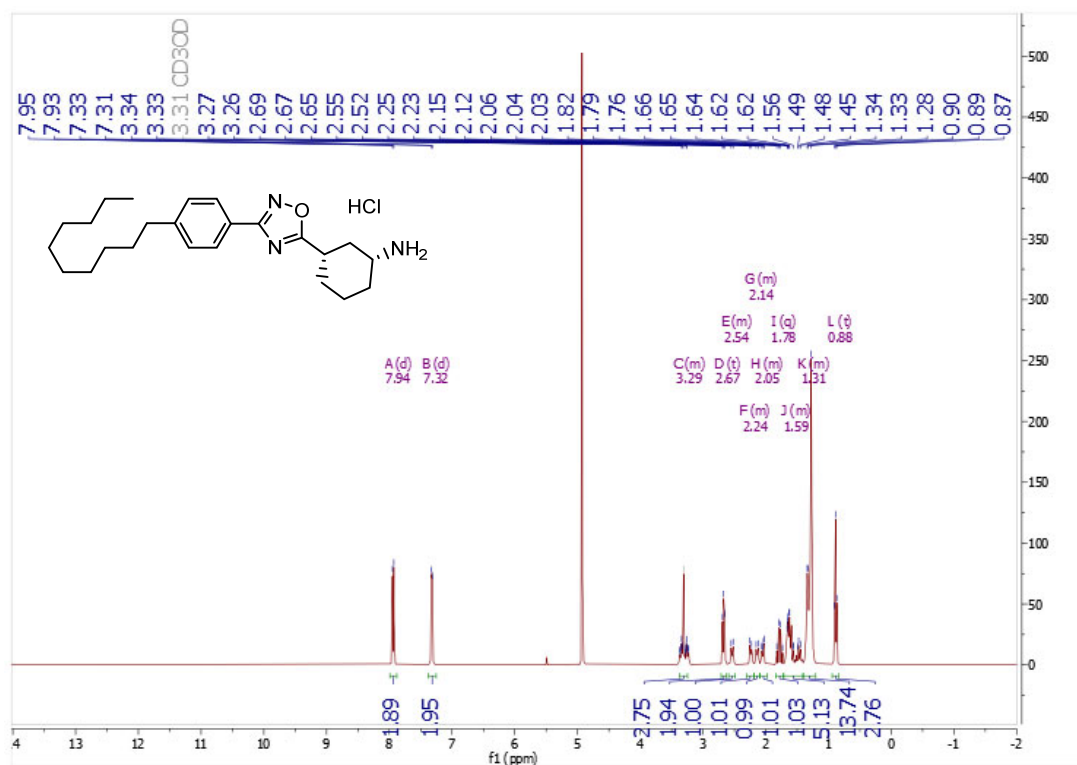
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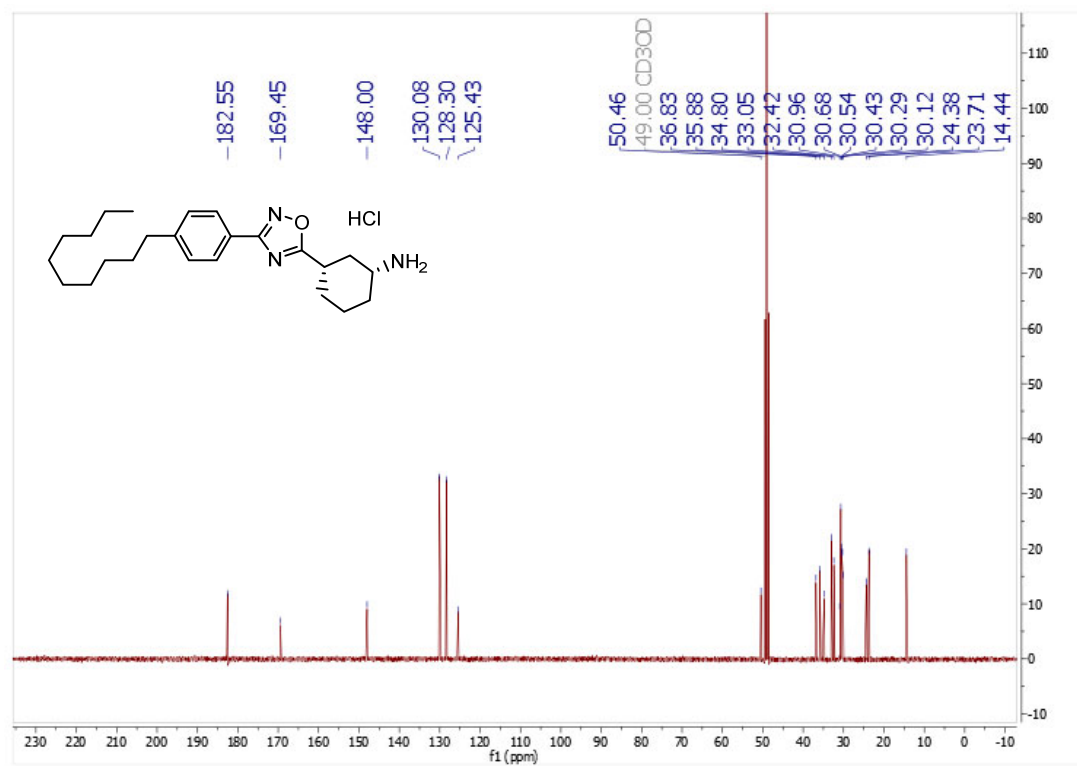
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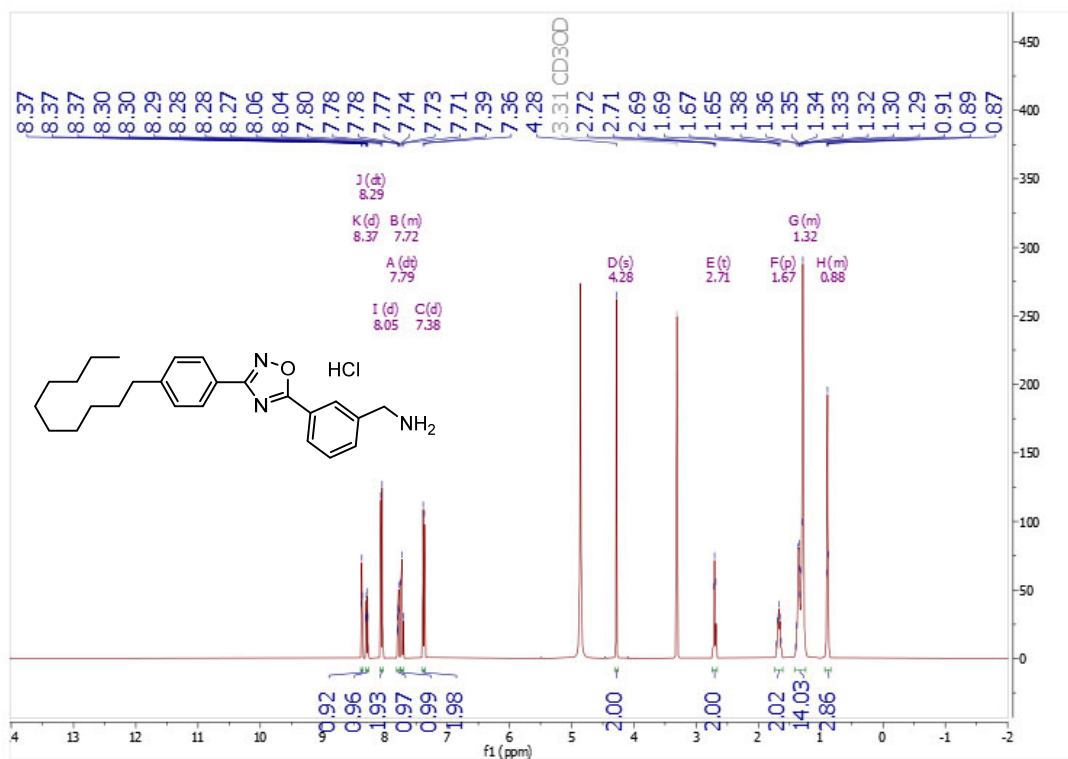
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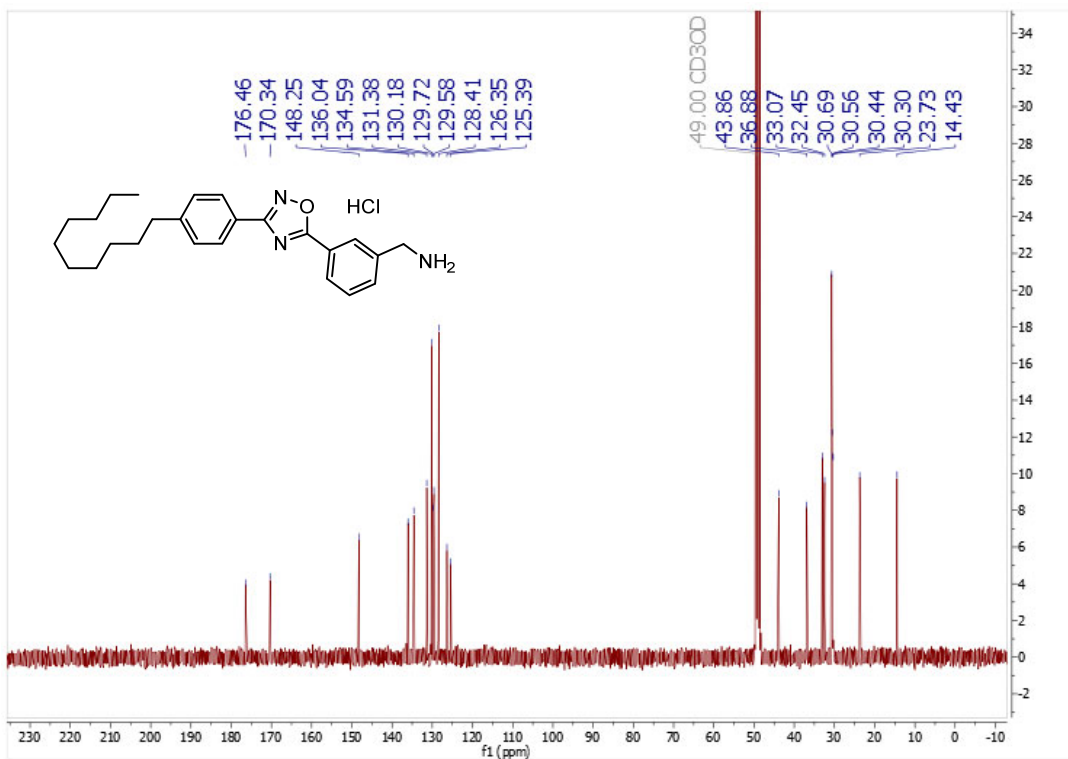
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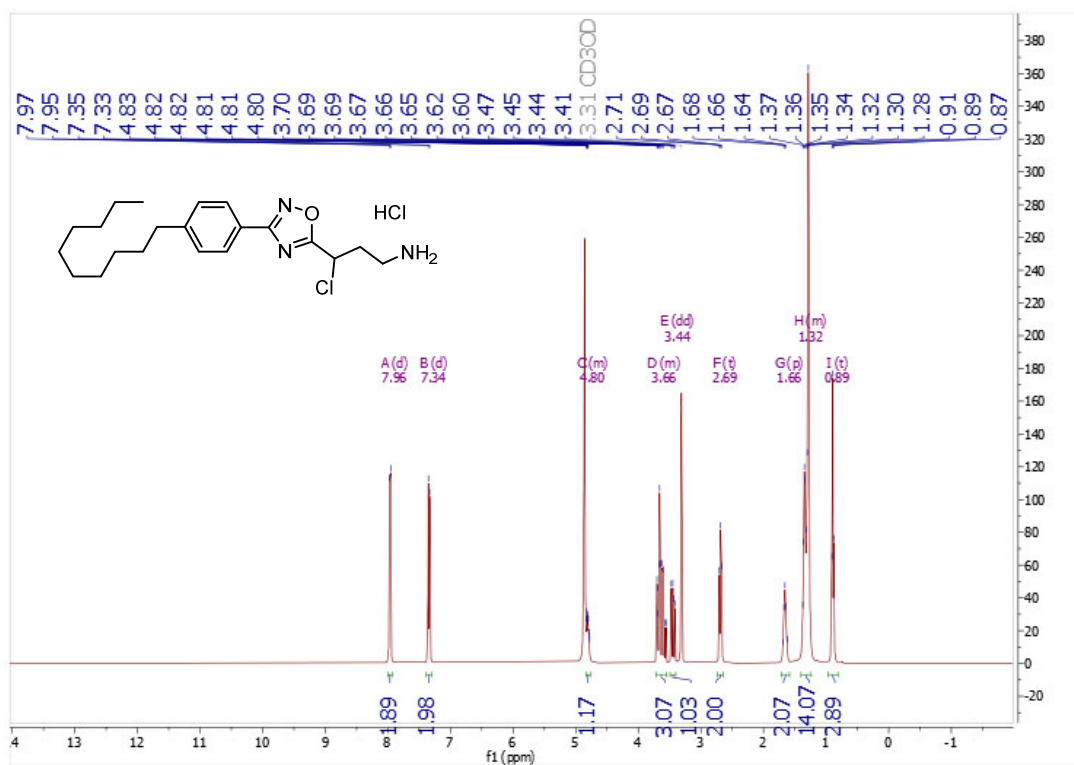
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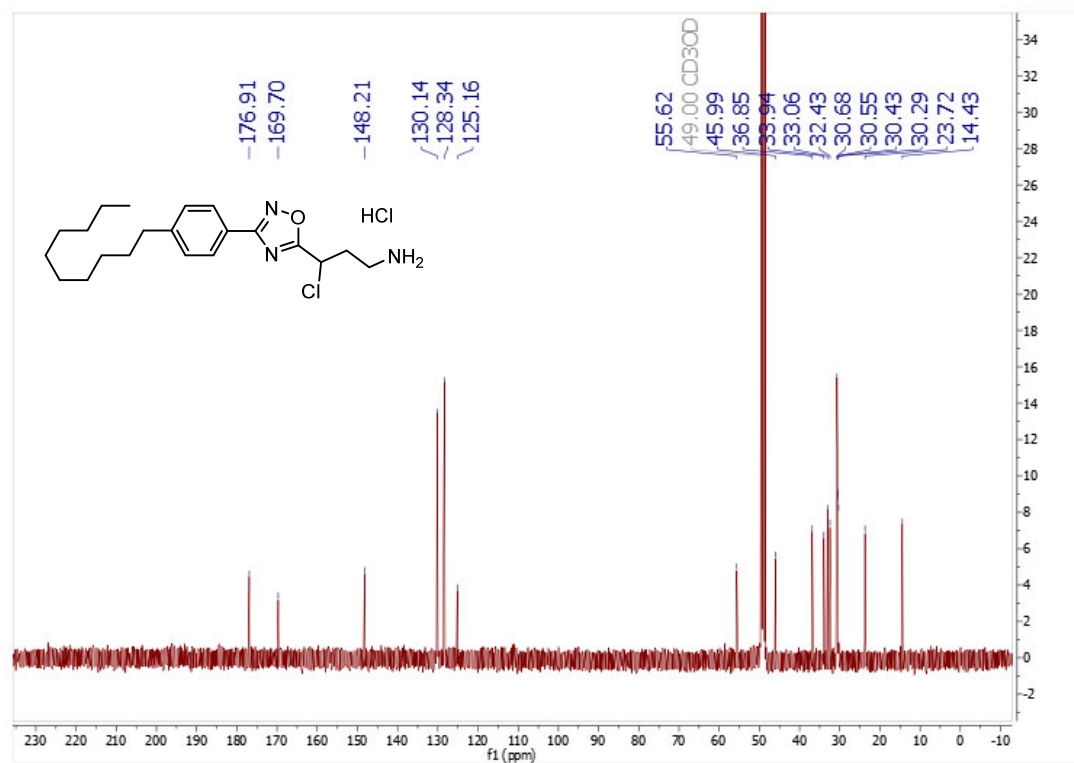
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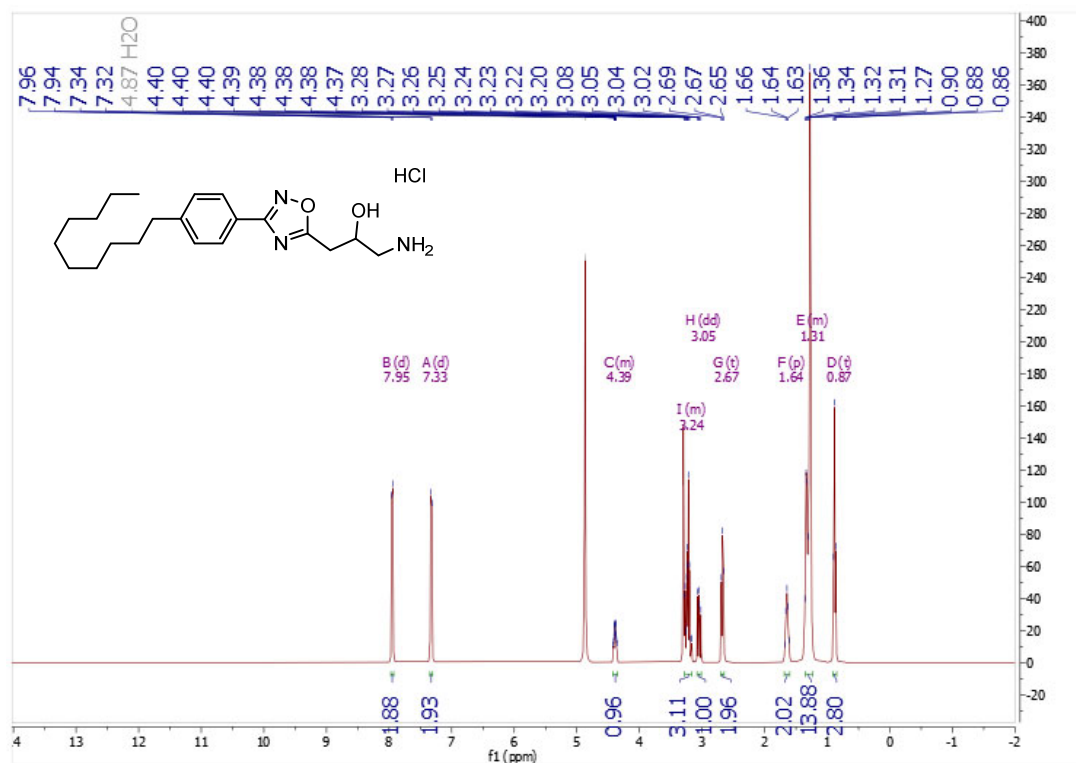
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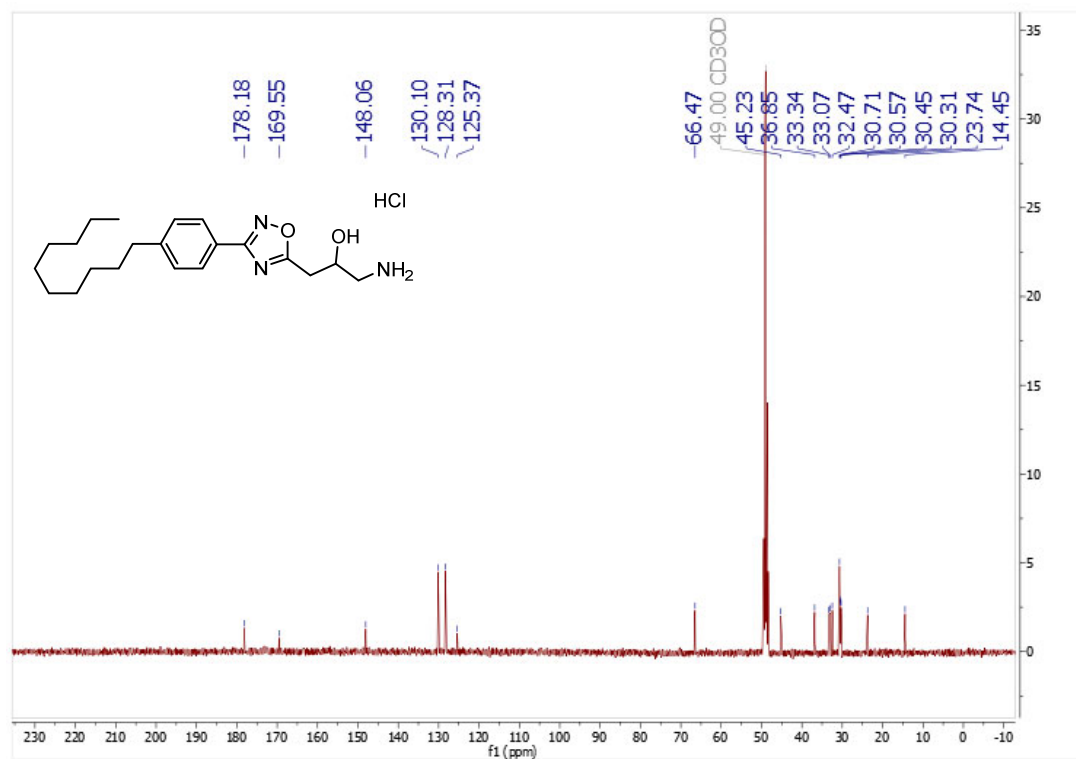
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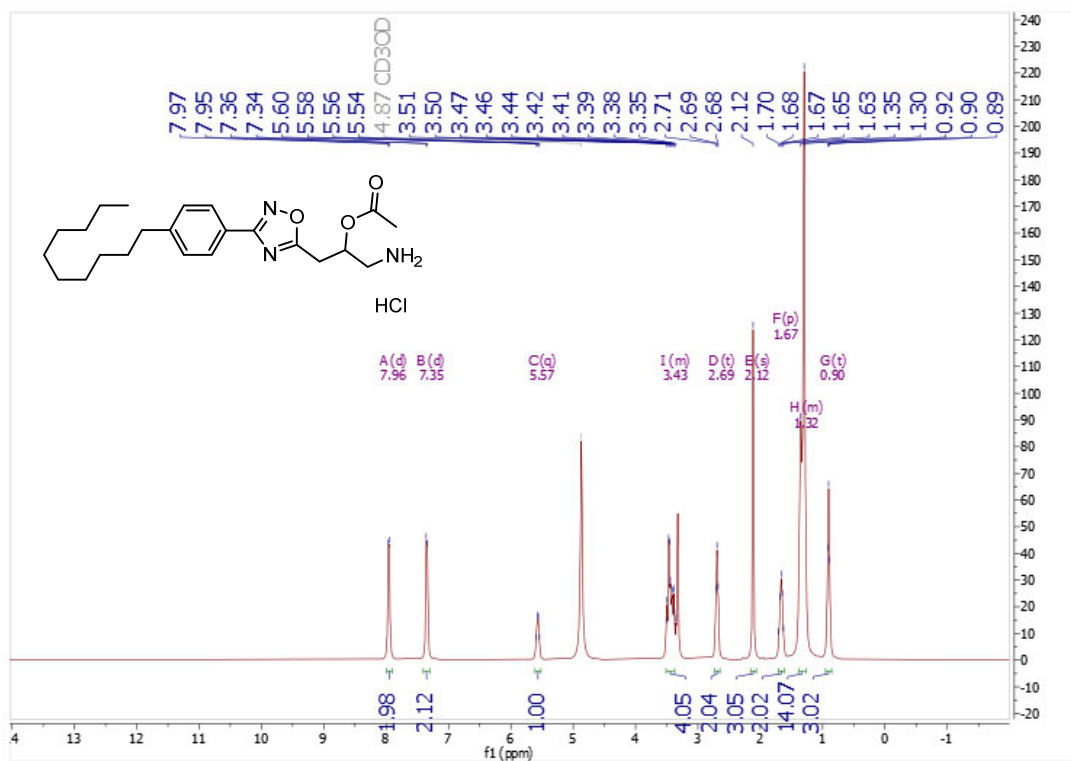
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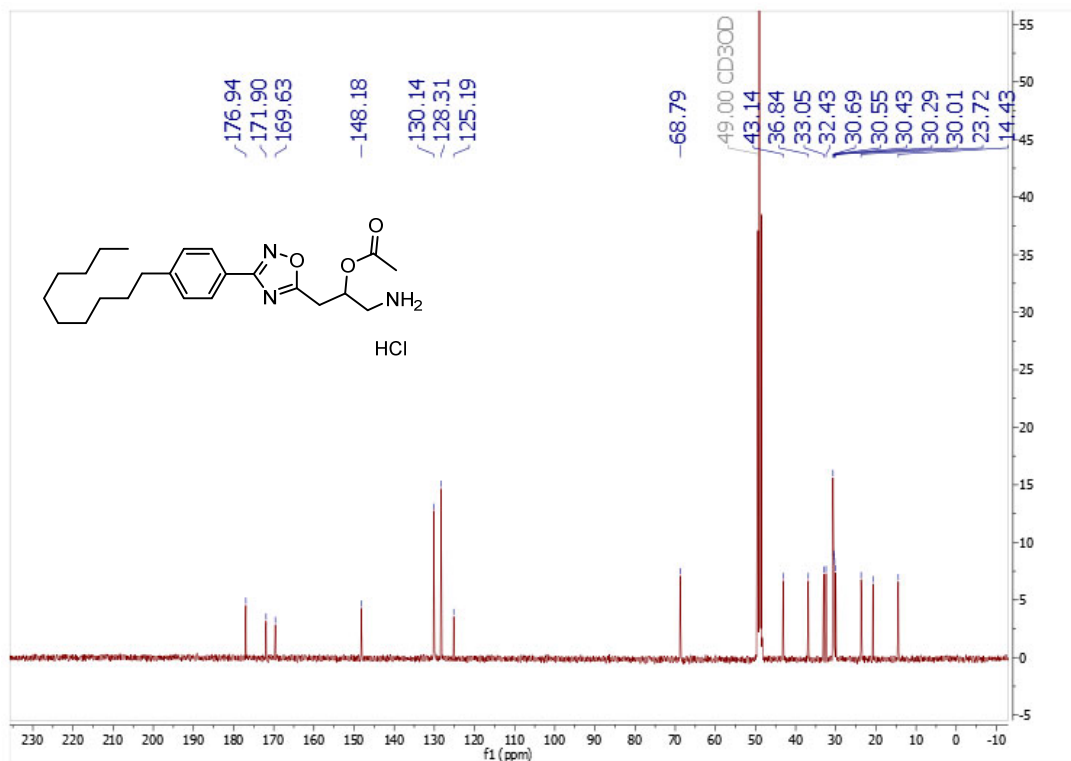
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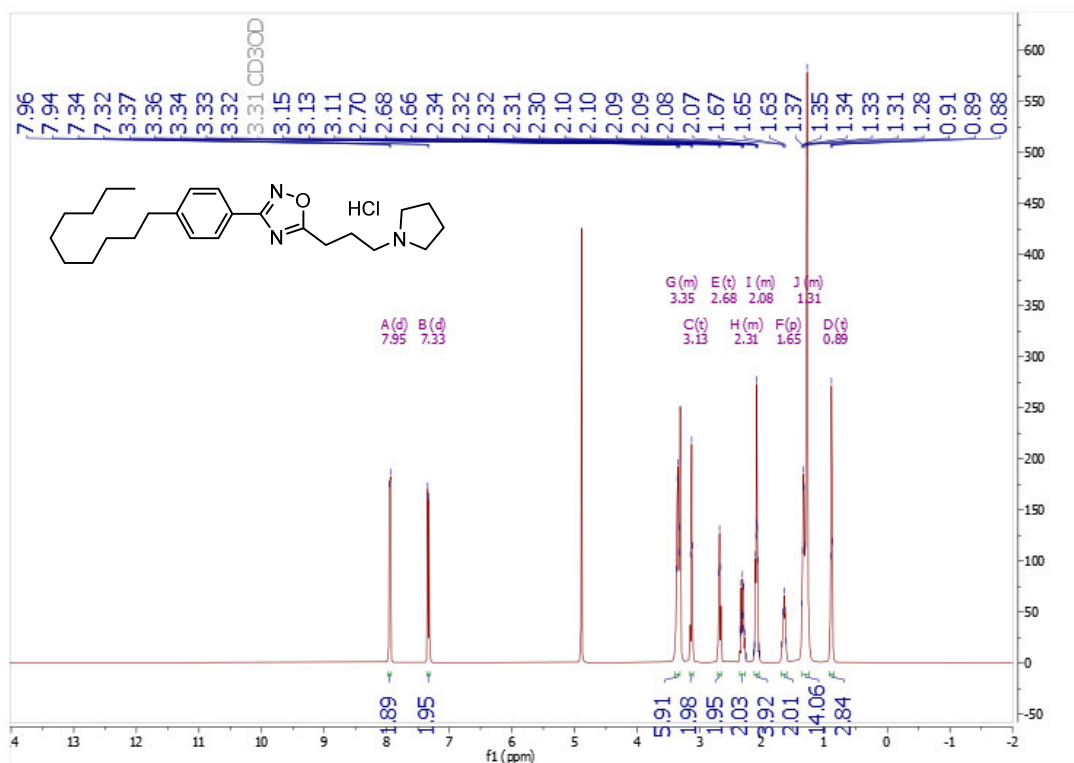
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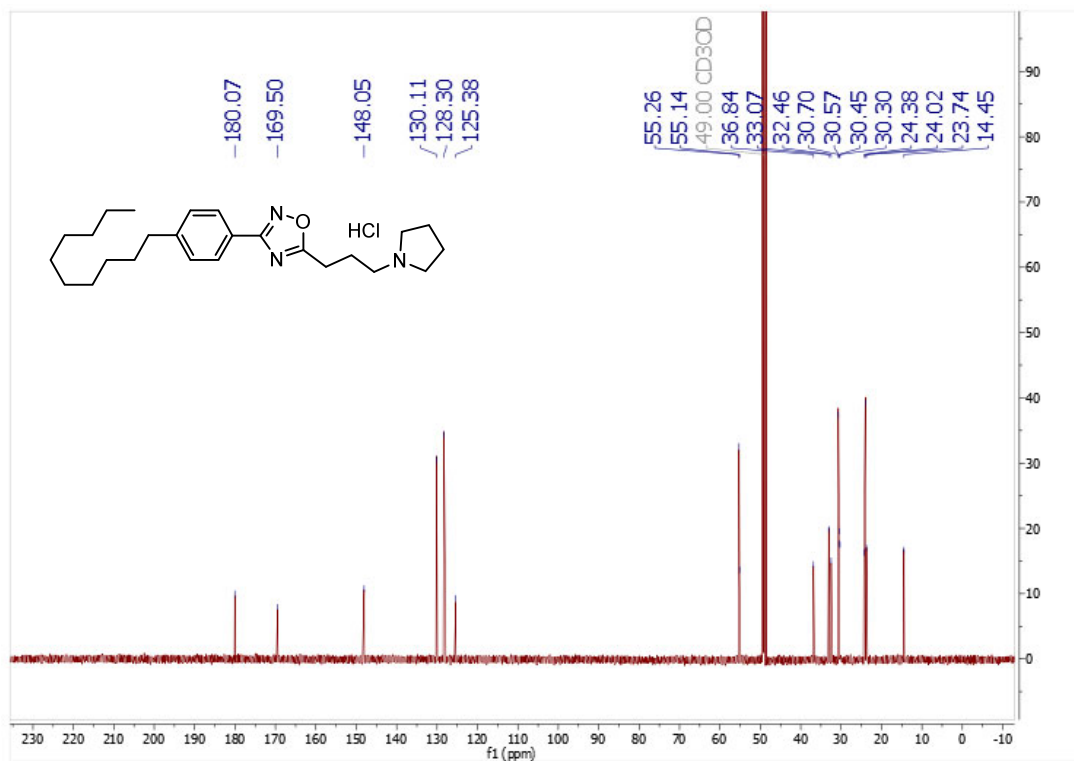
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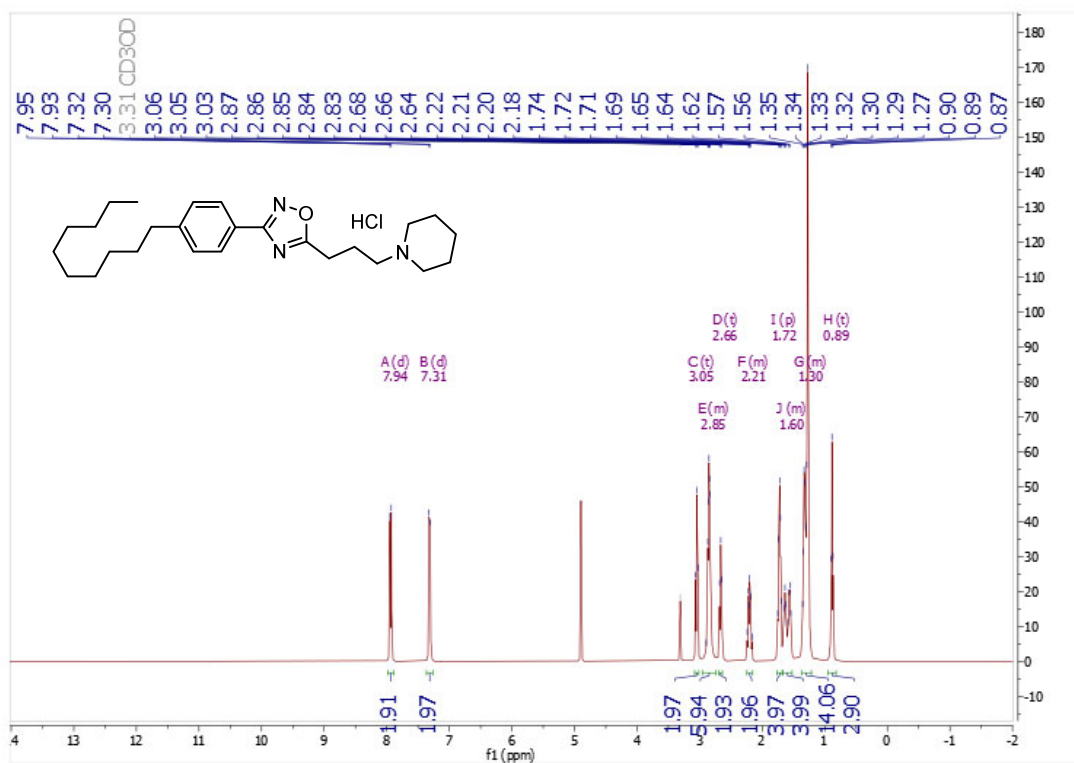
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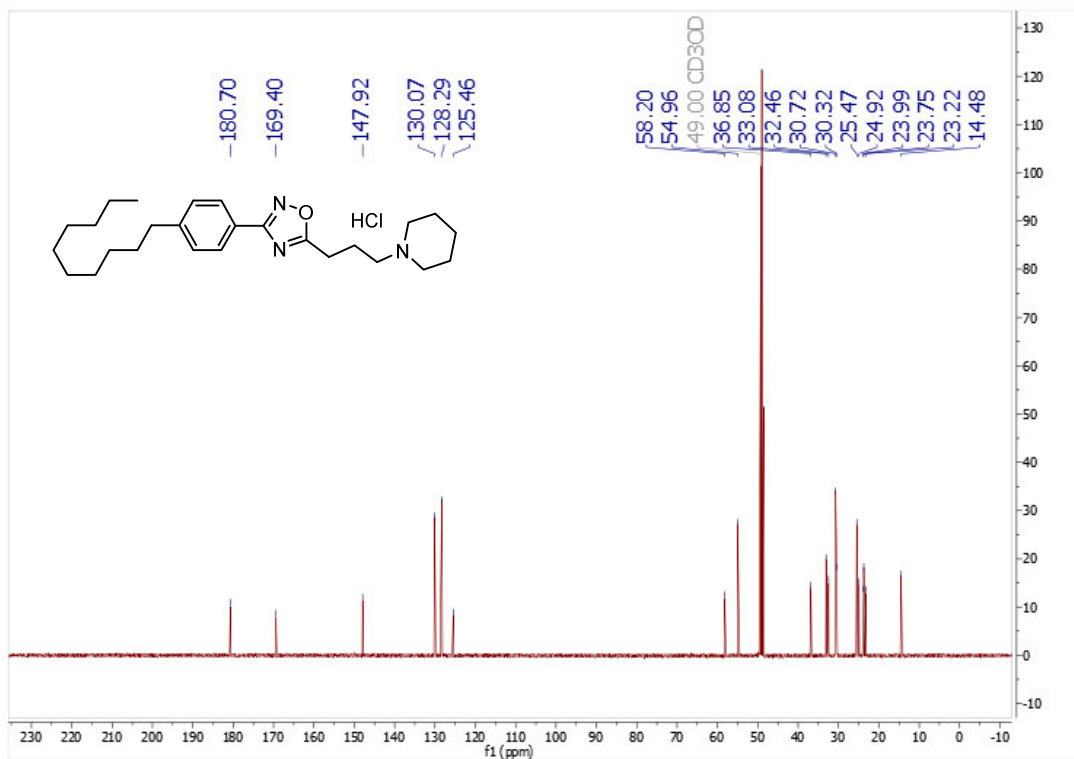
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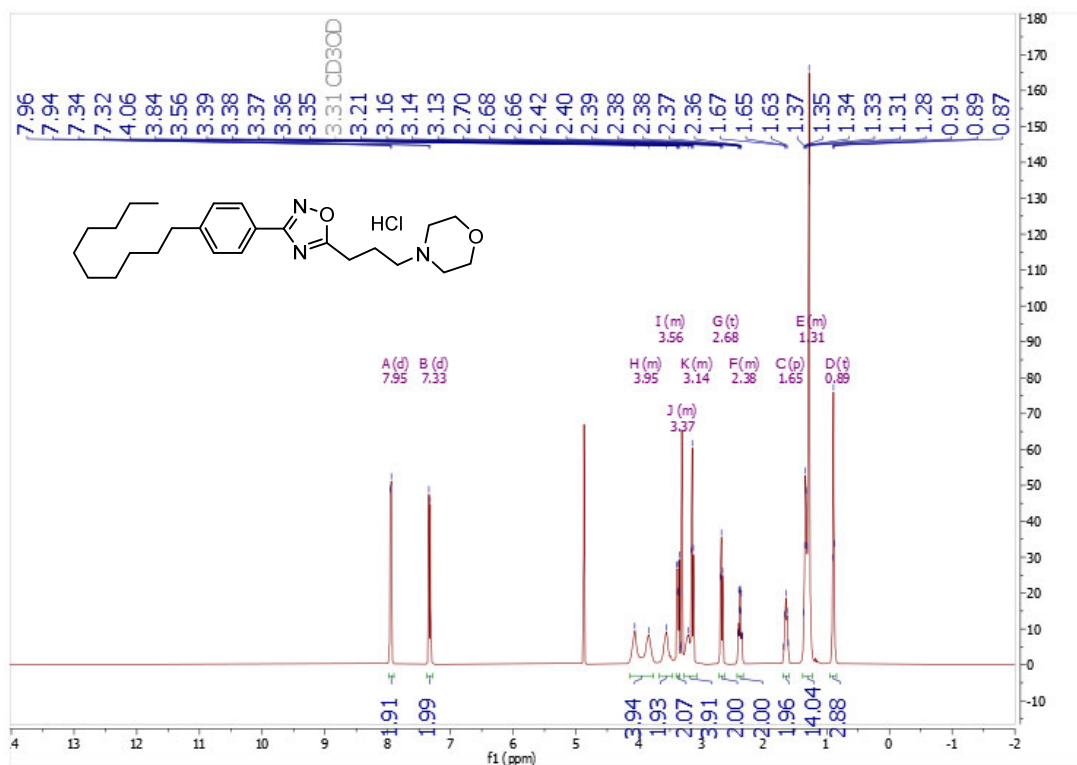
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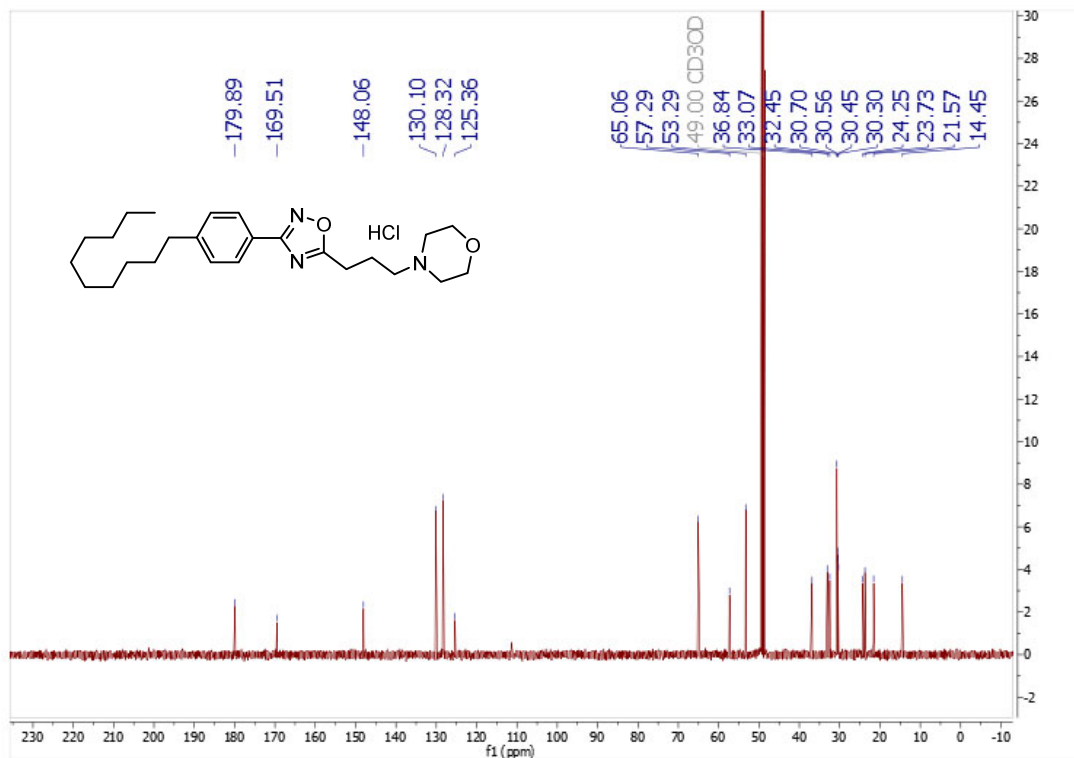
¹³C NMR (101 MHz, CD₃OD) **22b**



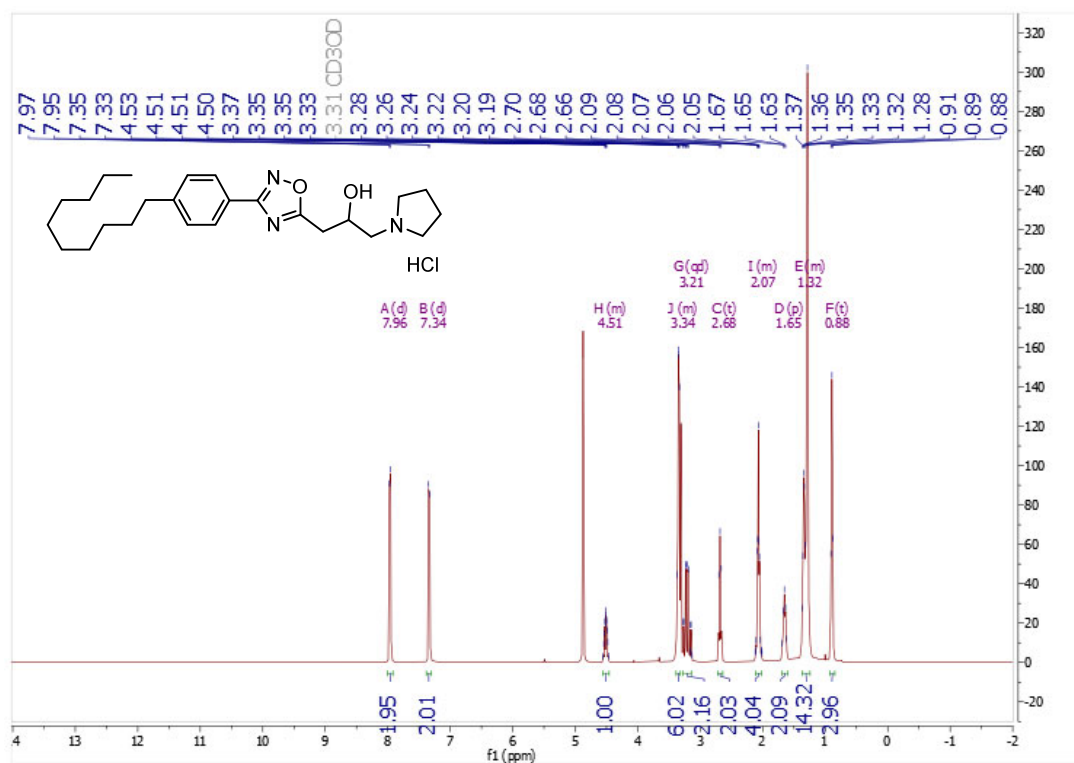
^1H NMR (400 MHz, CD_3OD) **22c**



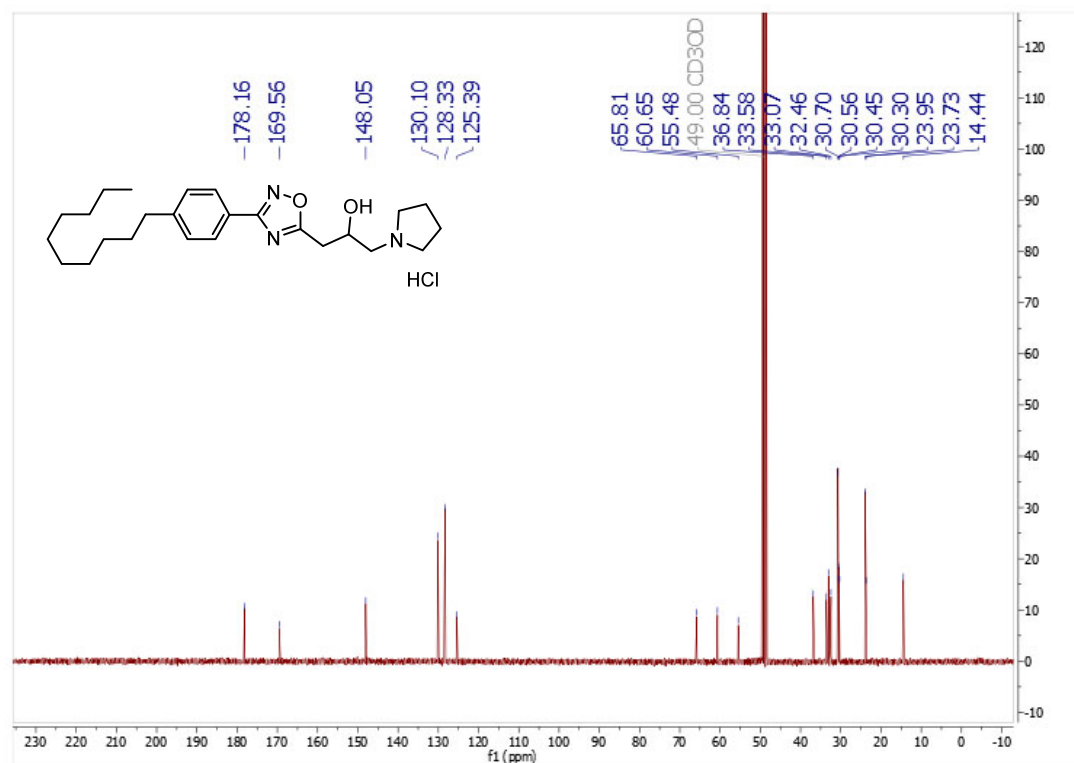
^{13}C NMR (101 MHz, CD_3OD) **22c**



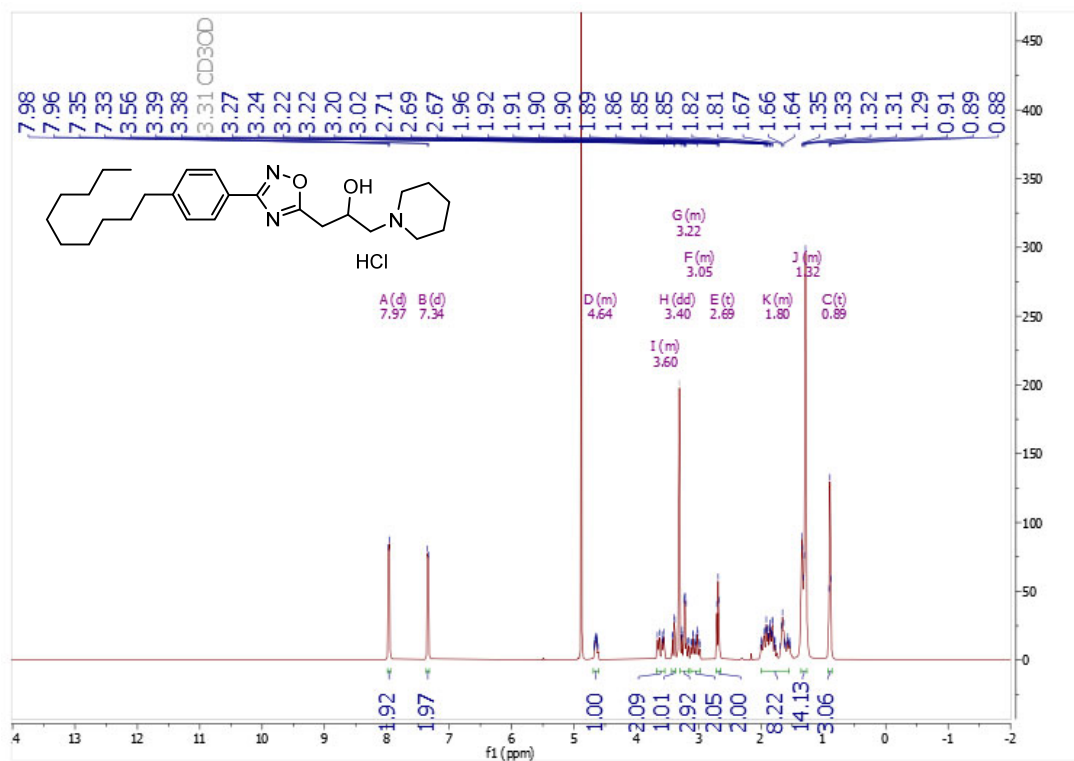
¹H NMR (400 MHz, CD₃OD) **22d**



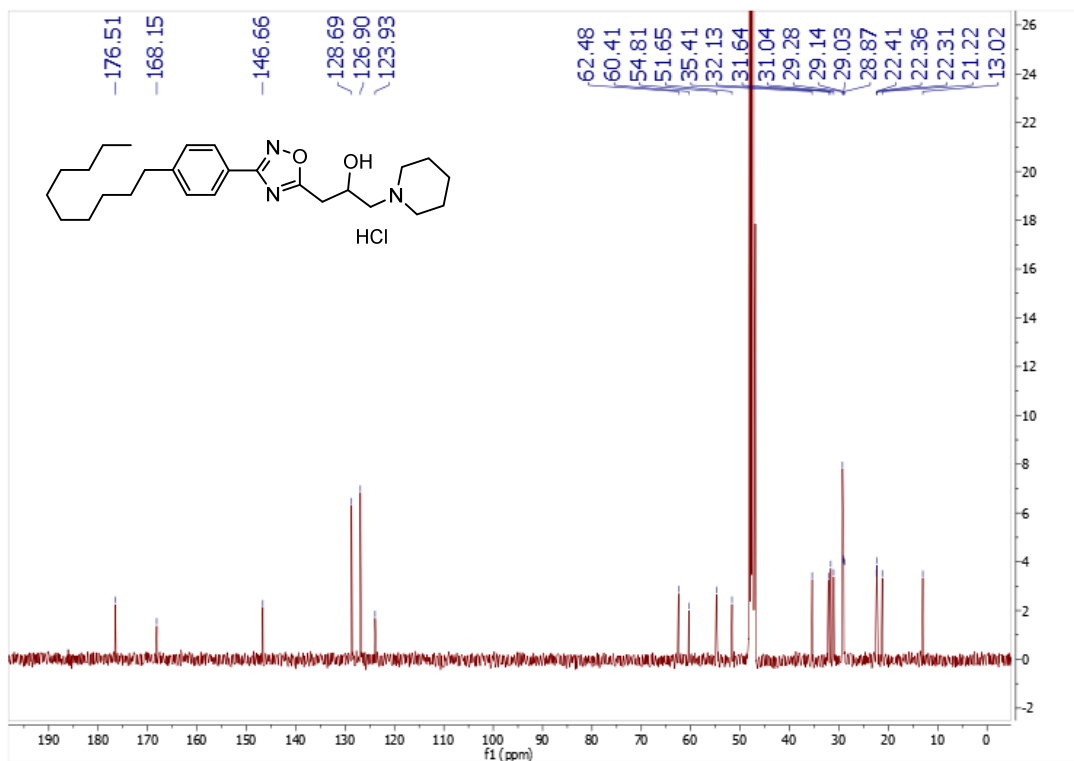
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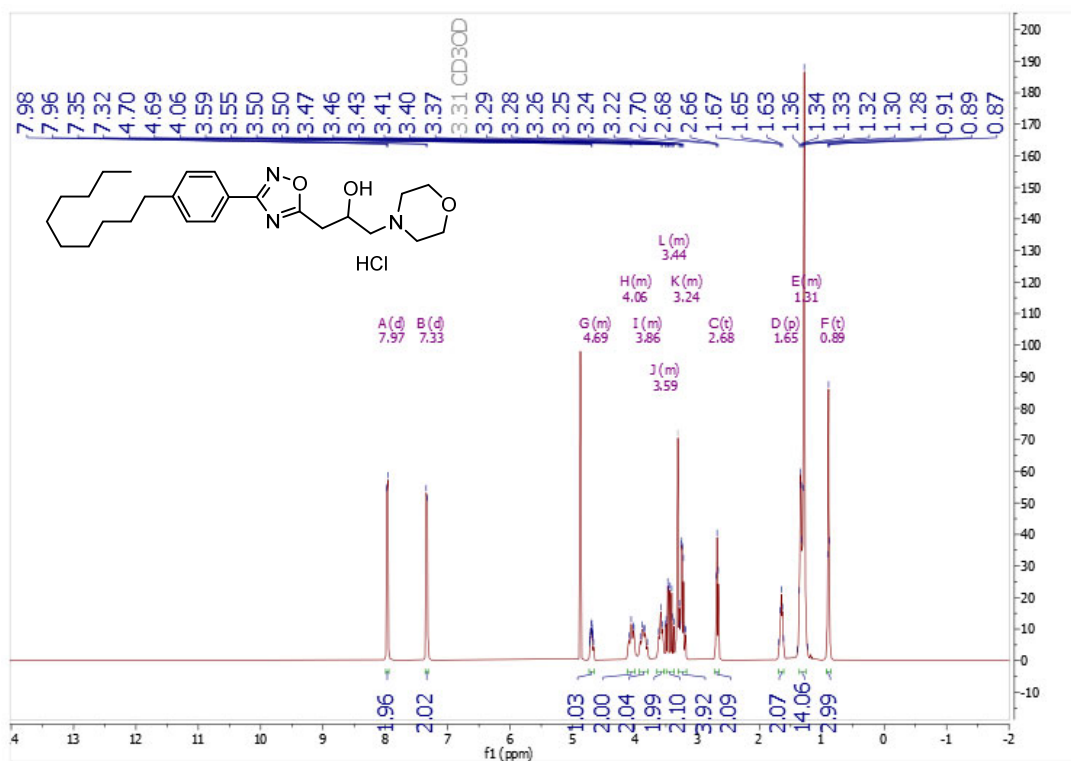
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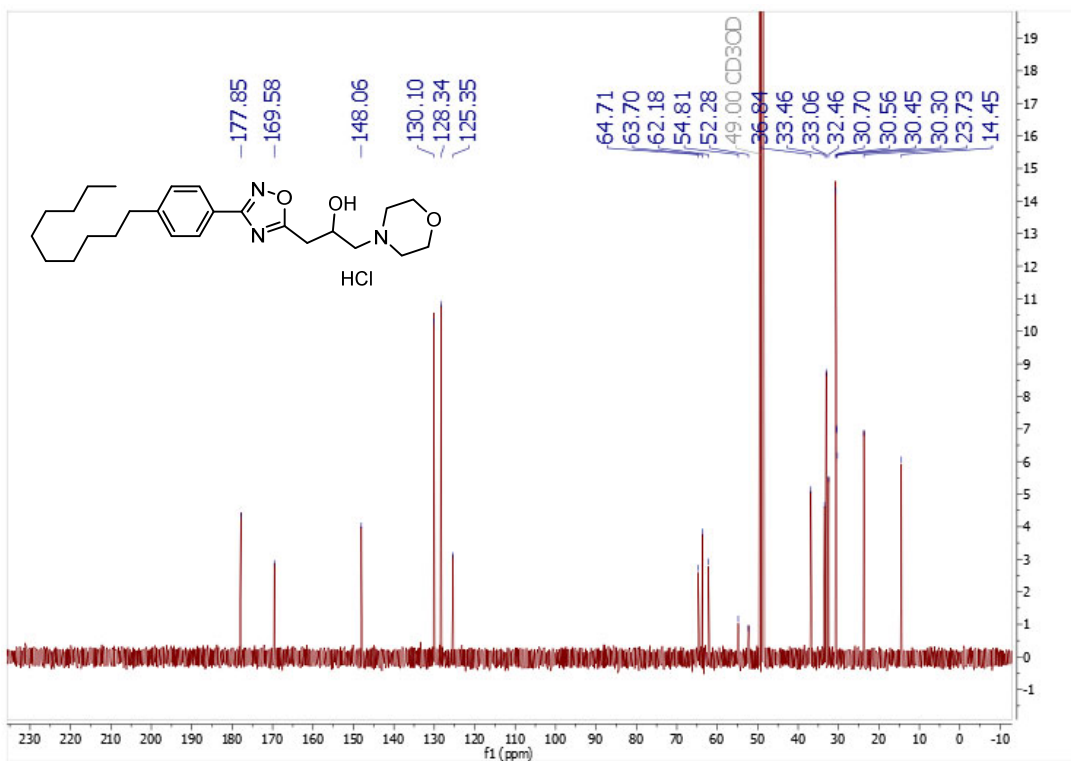
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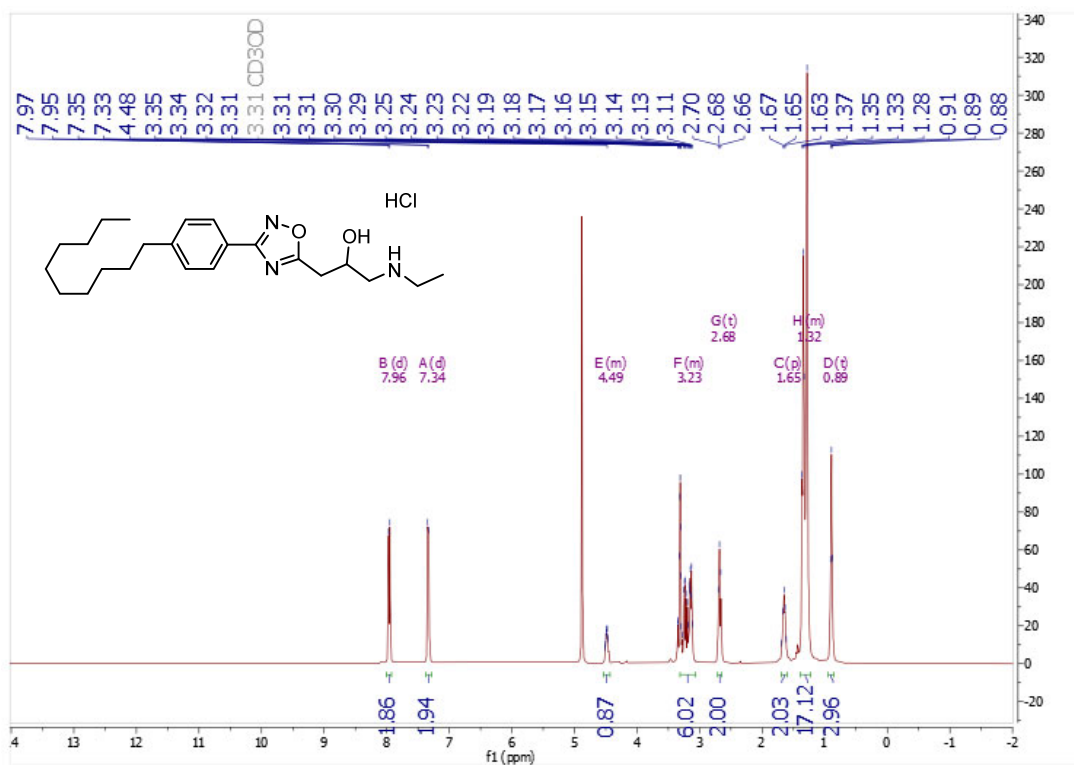
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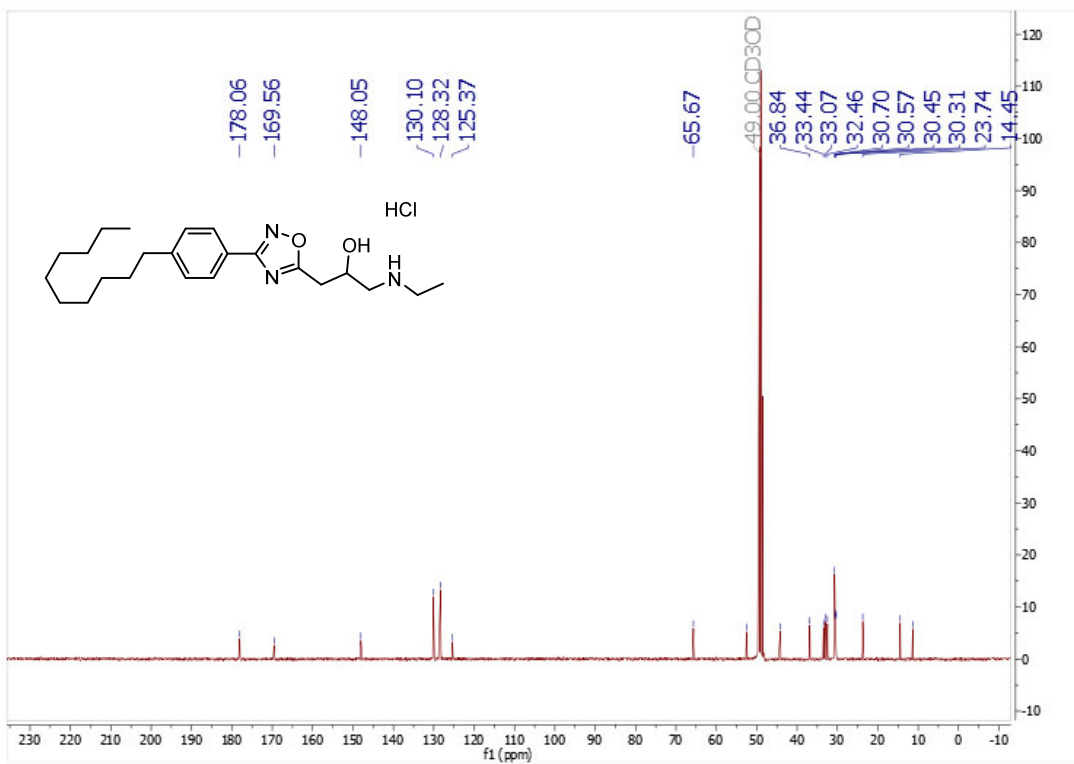
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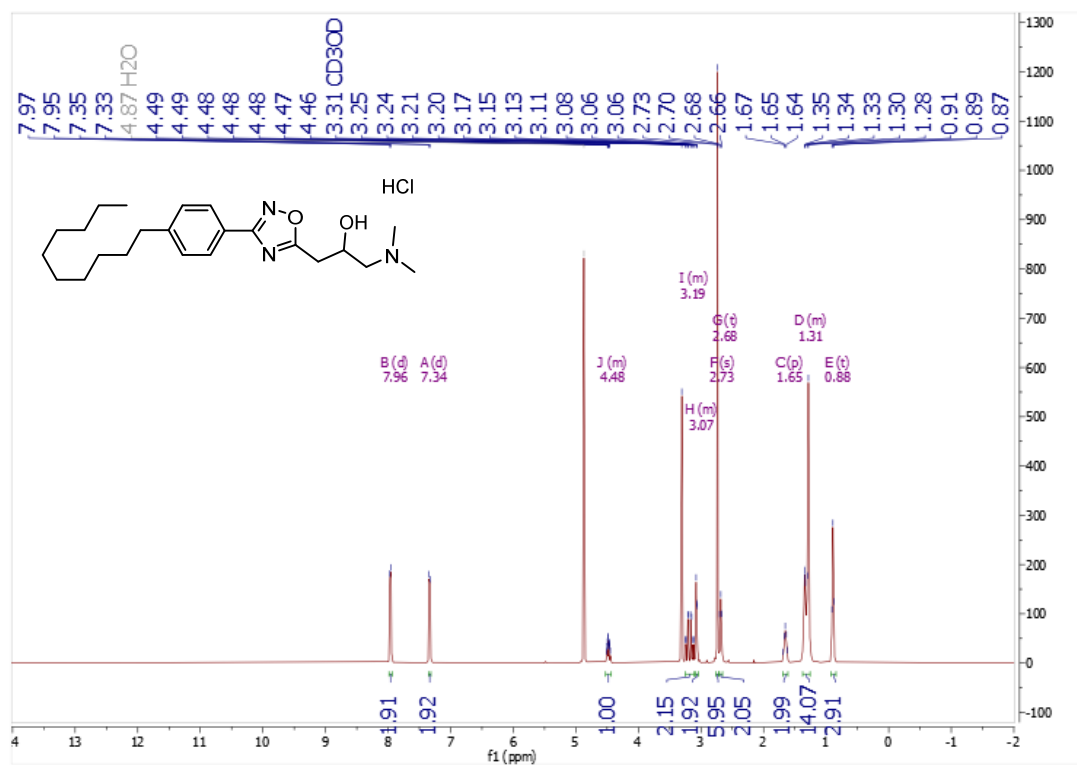
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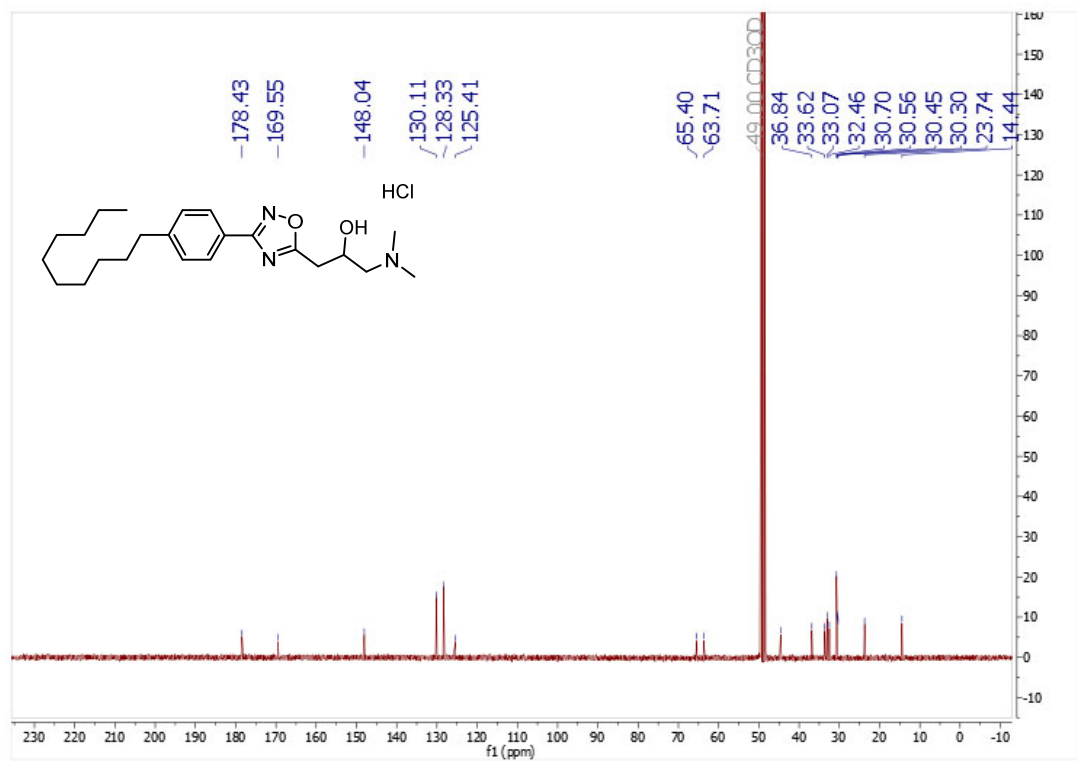
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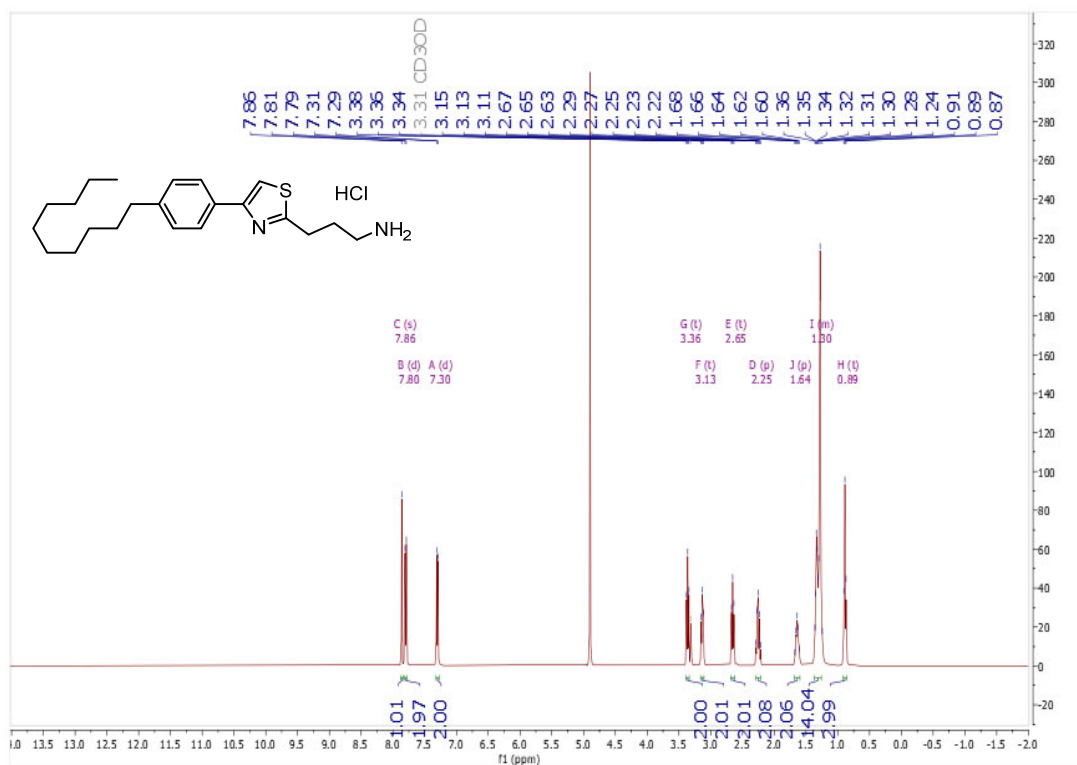
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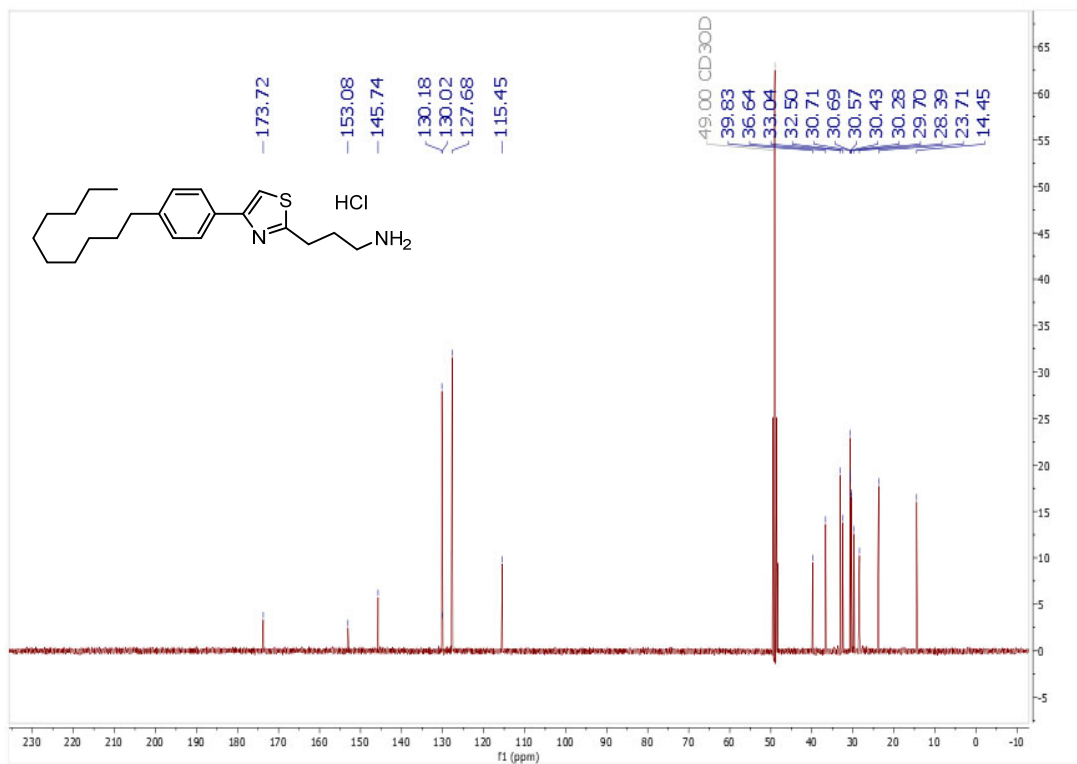
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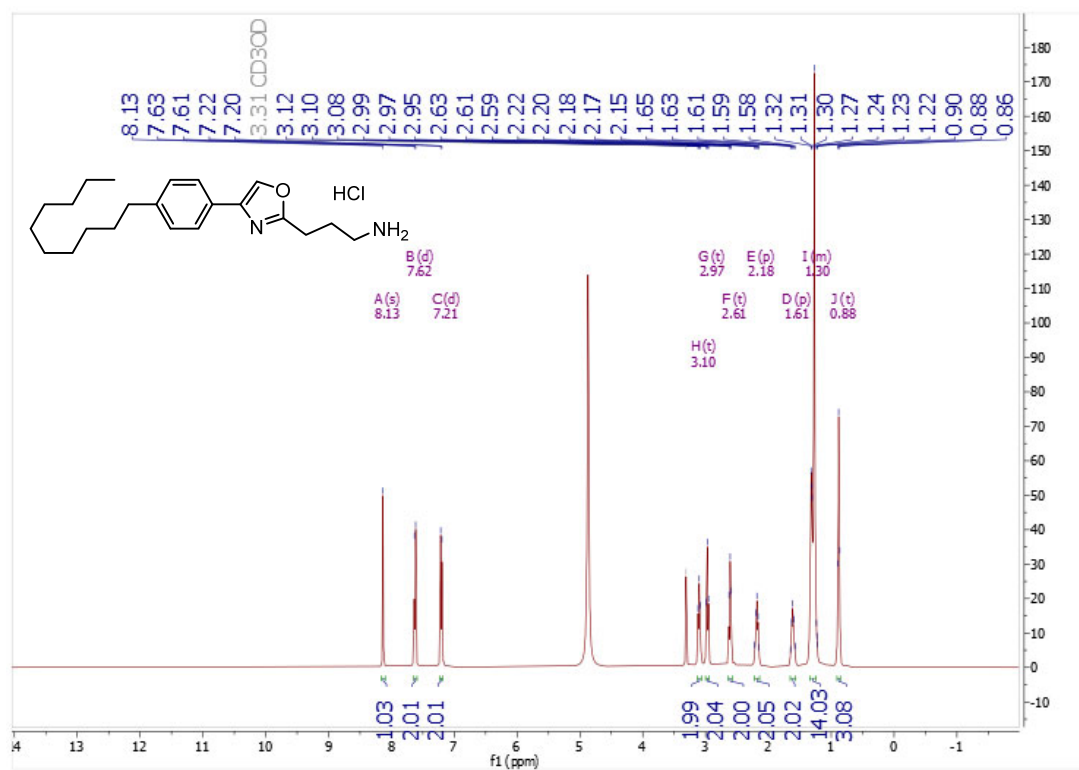
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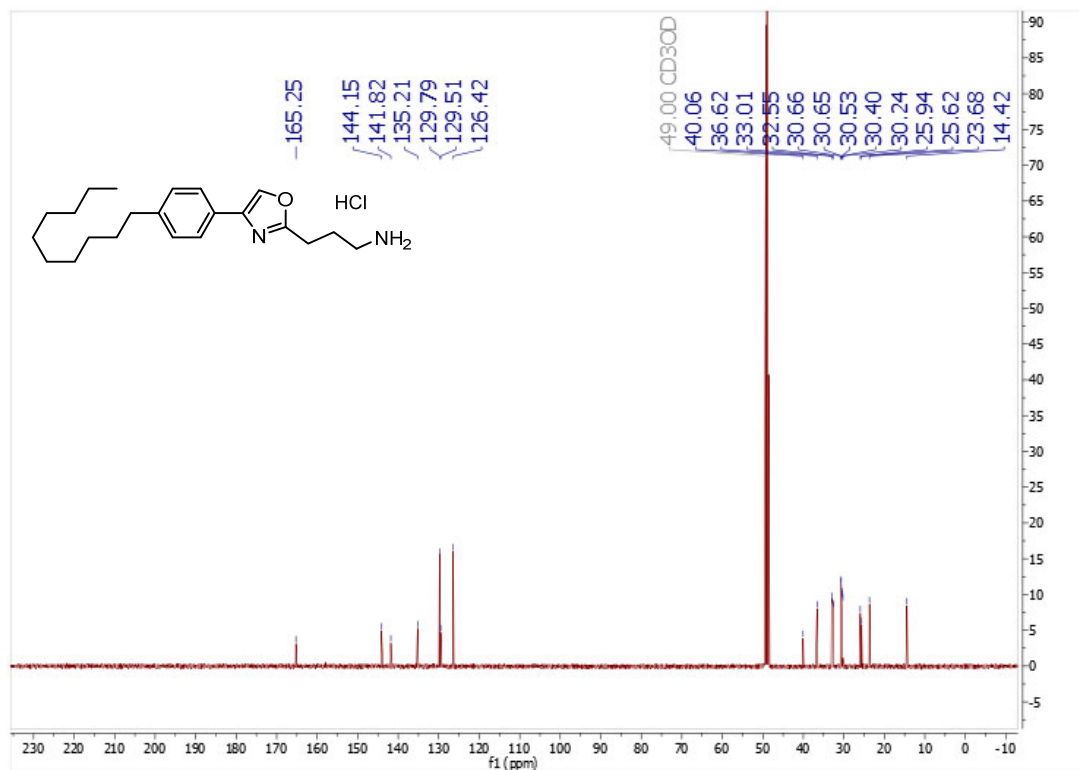
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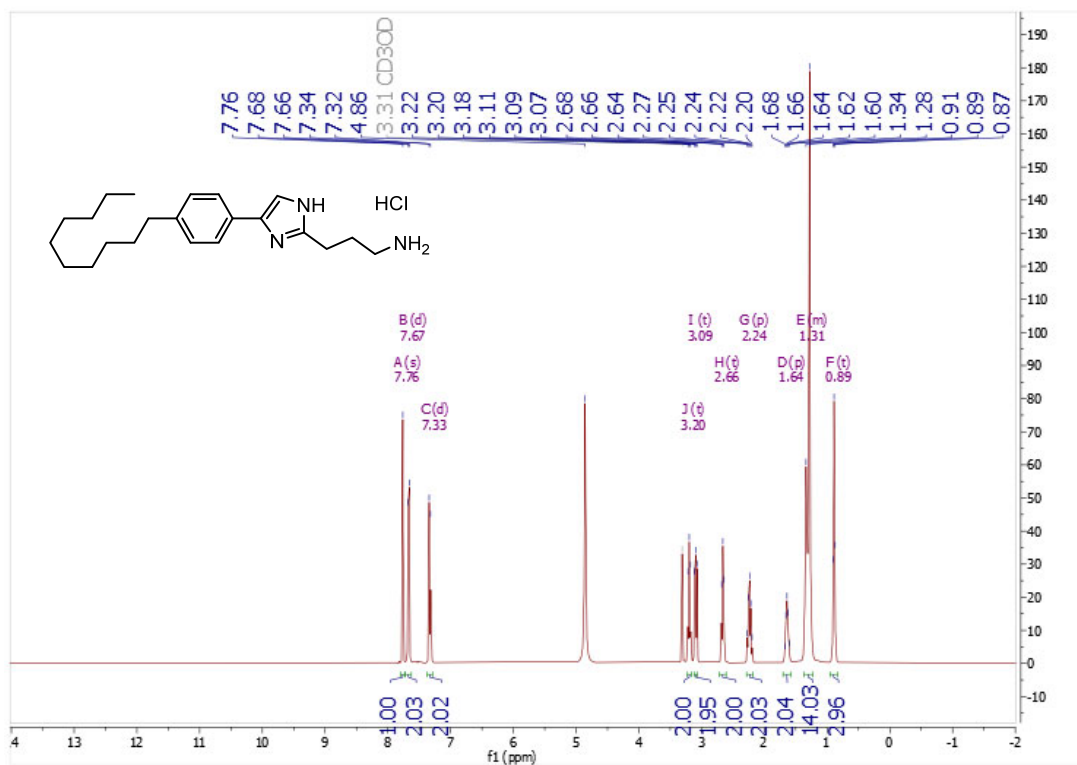
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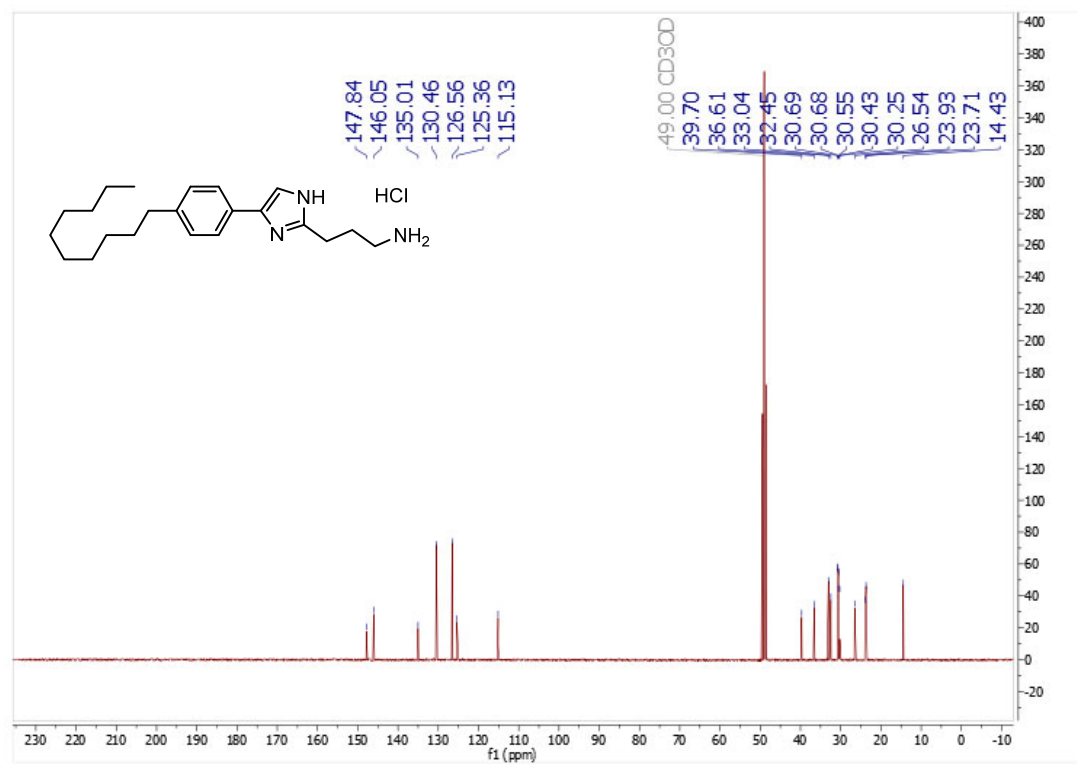
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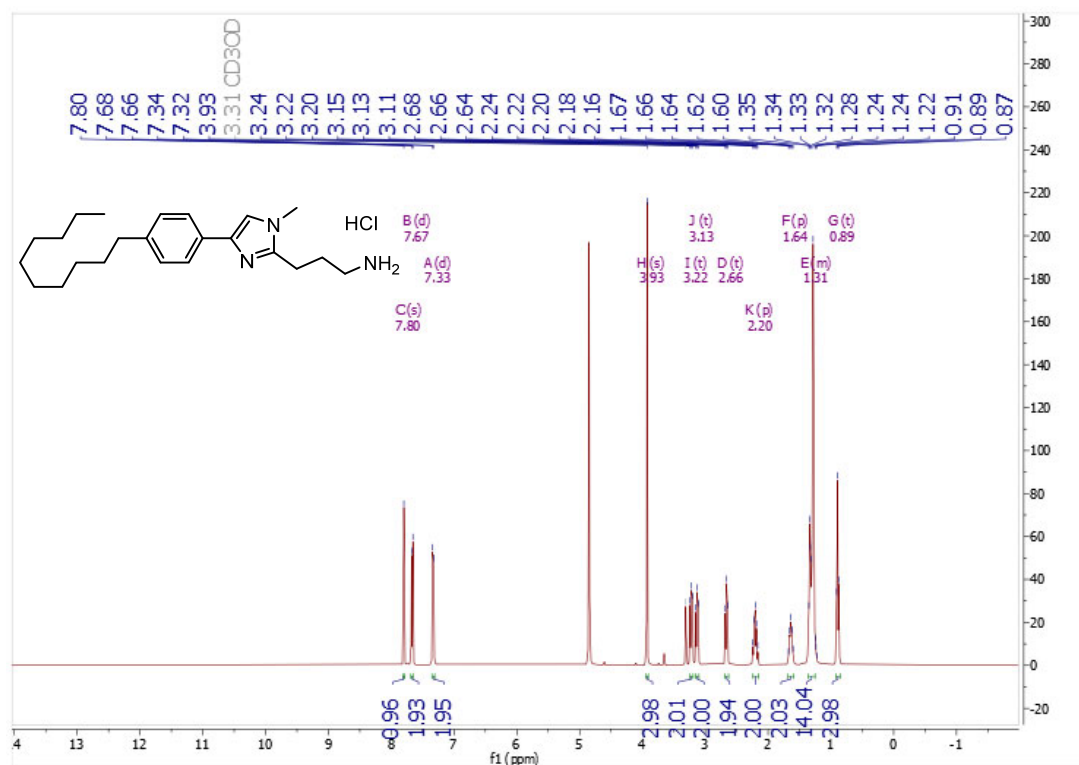
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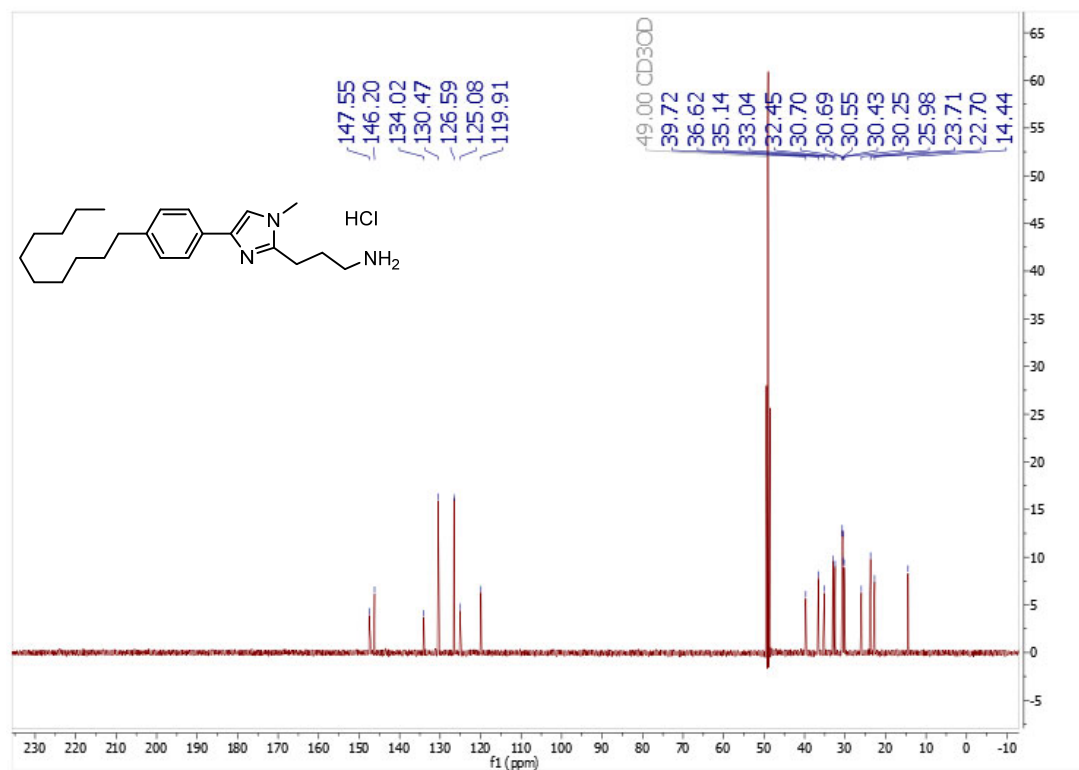
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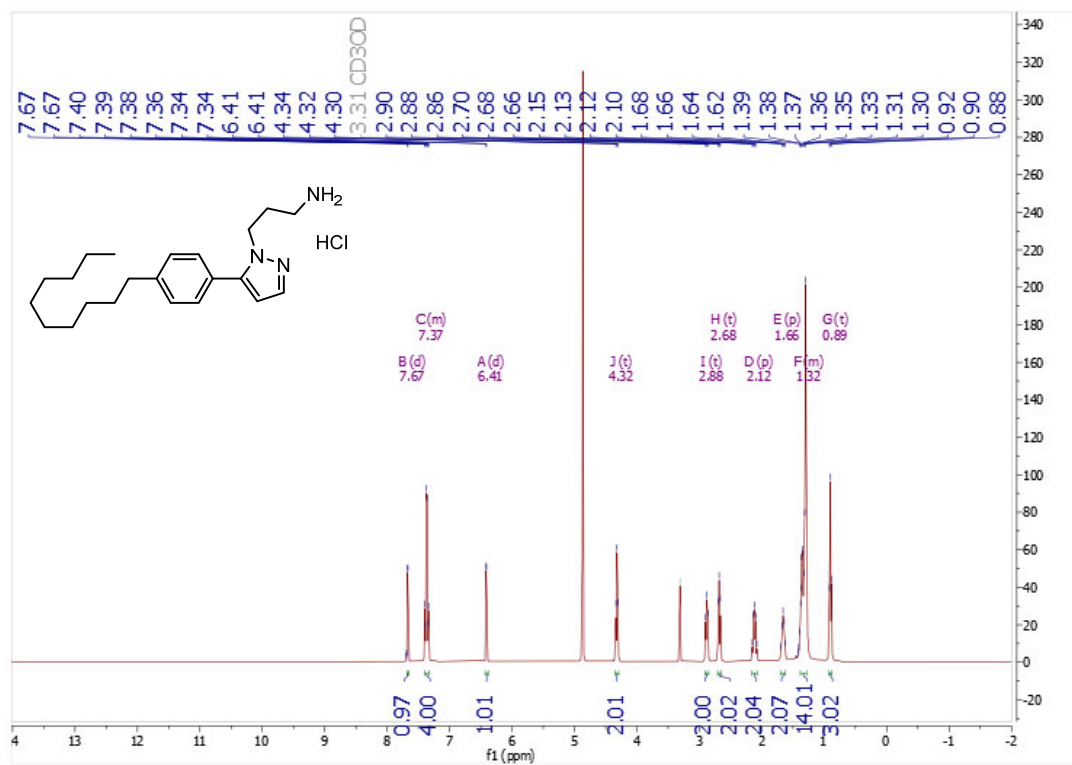
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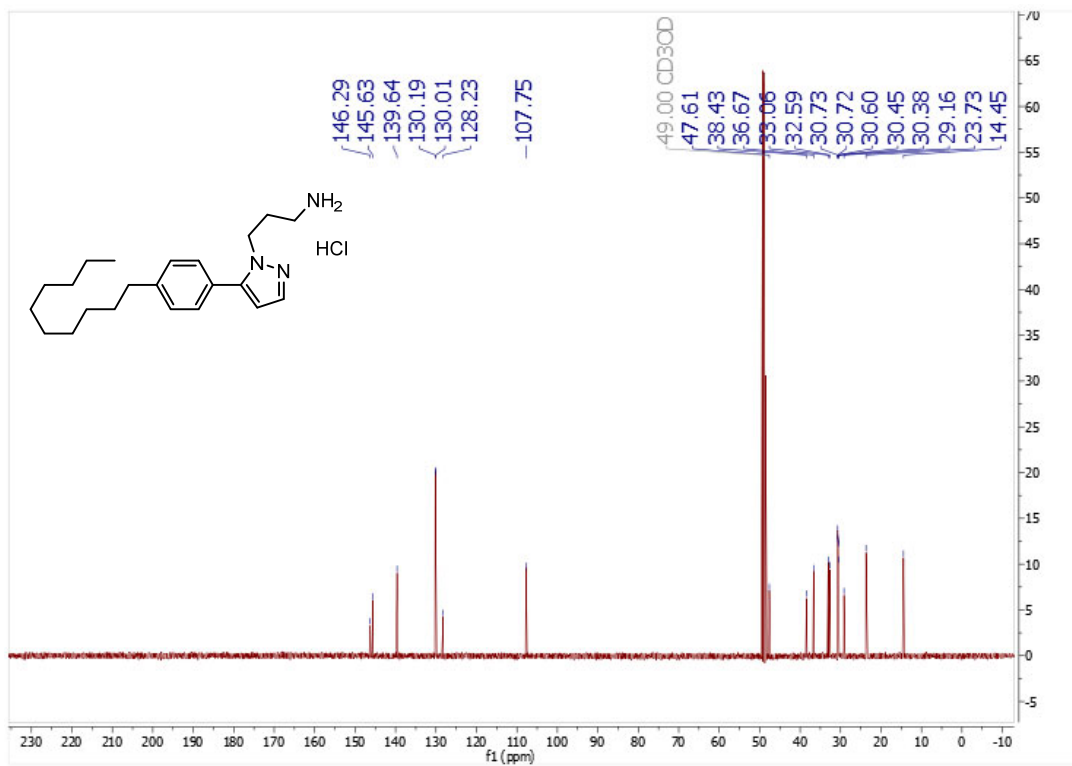
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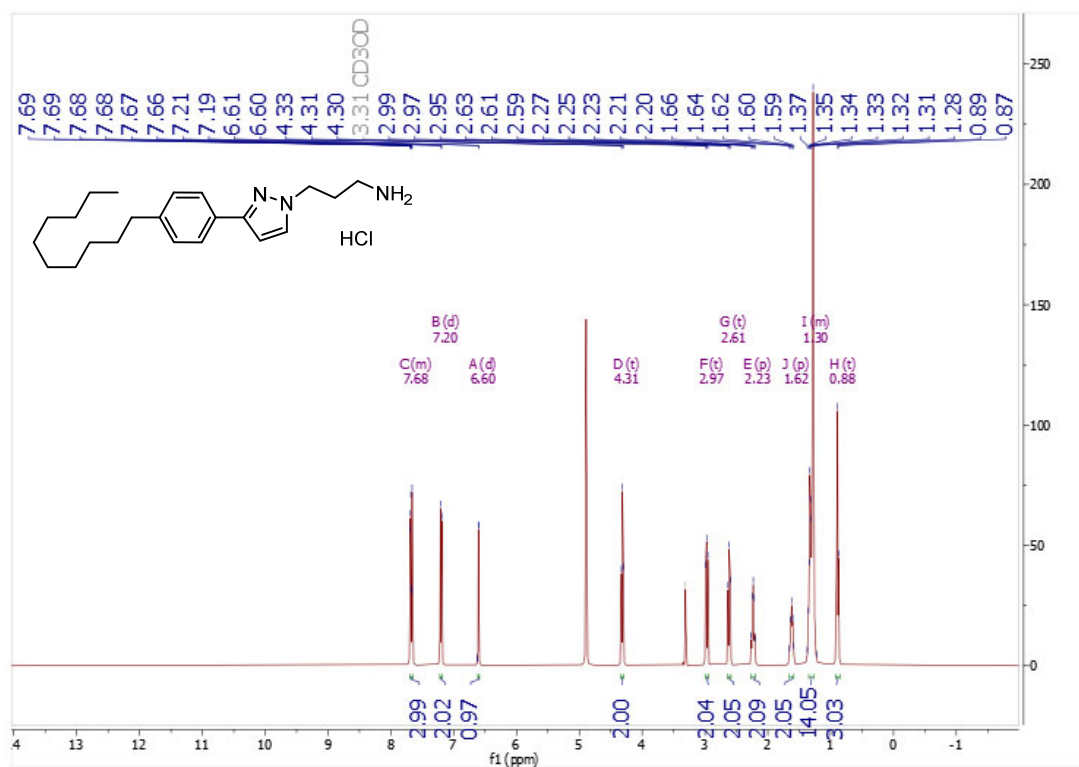
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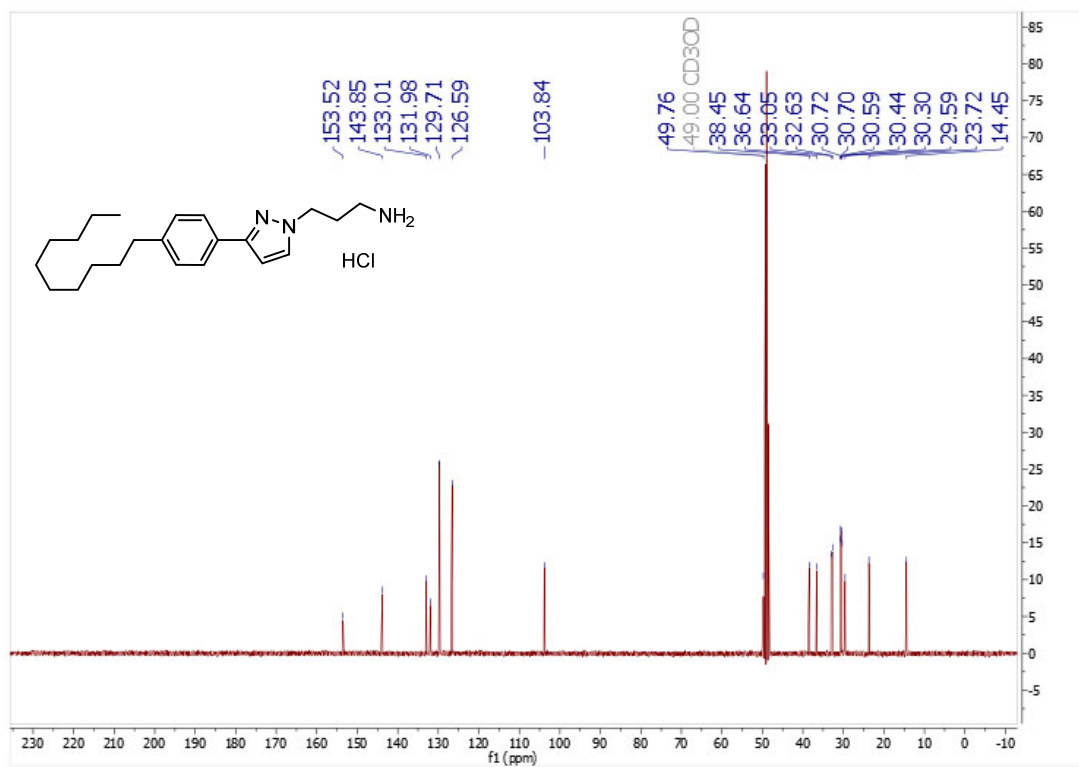
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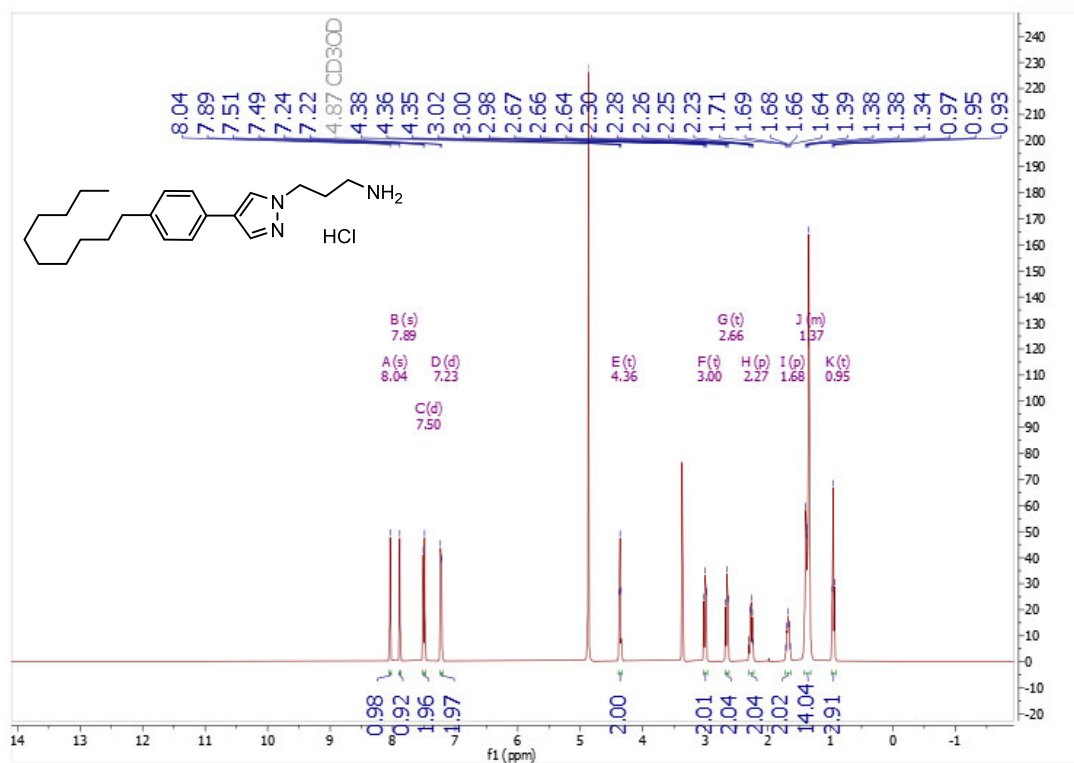
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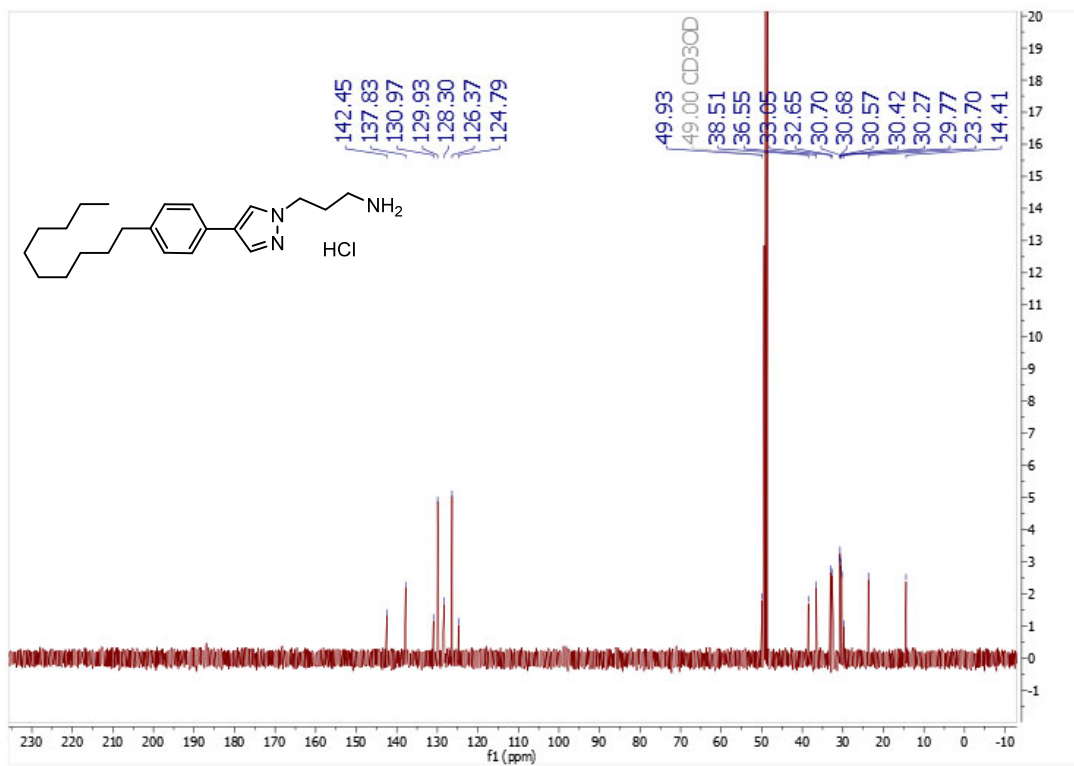
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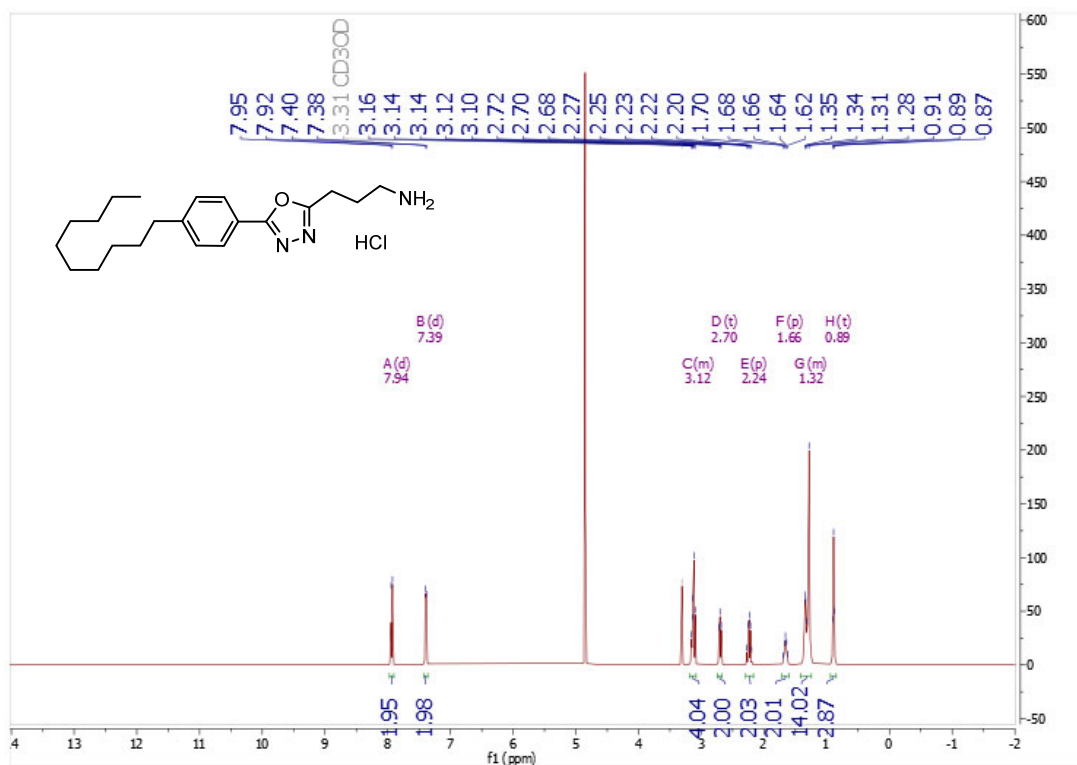
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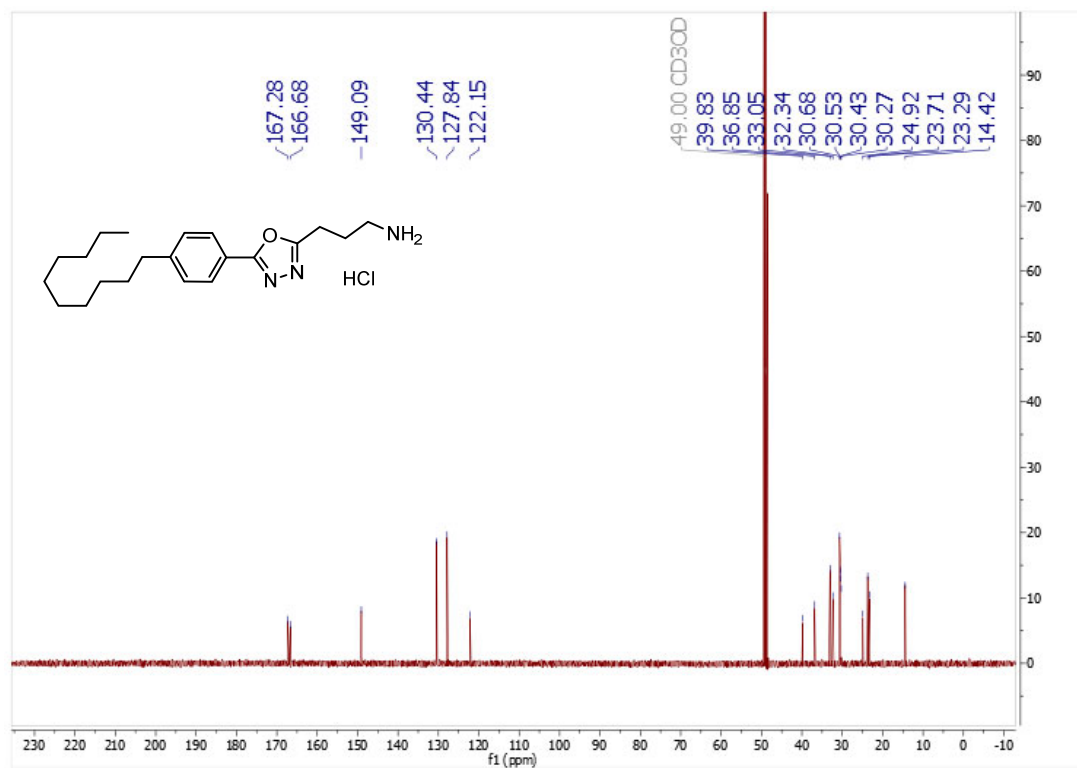
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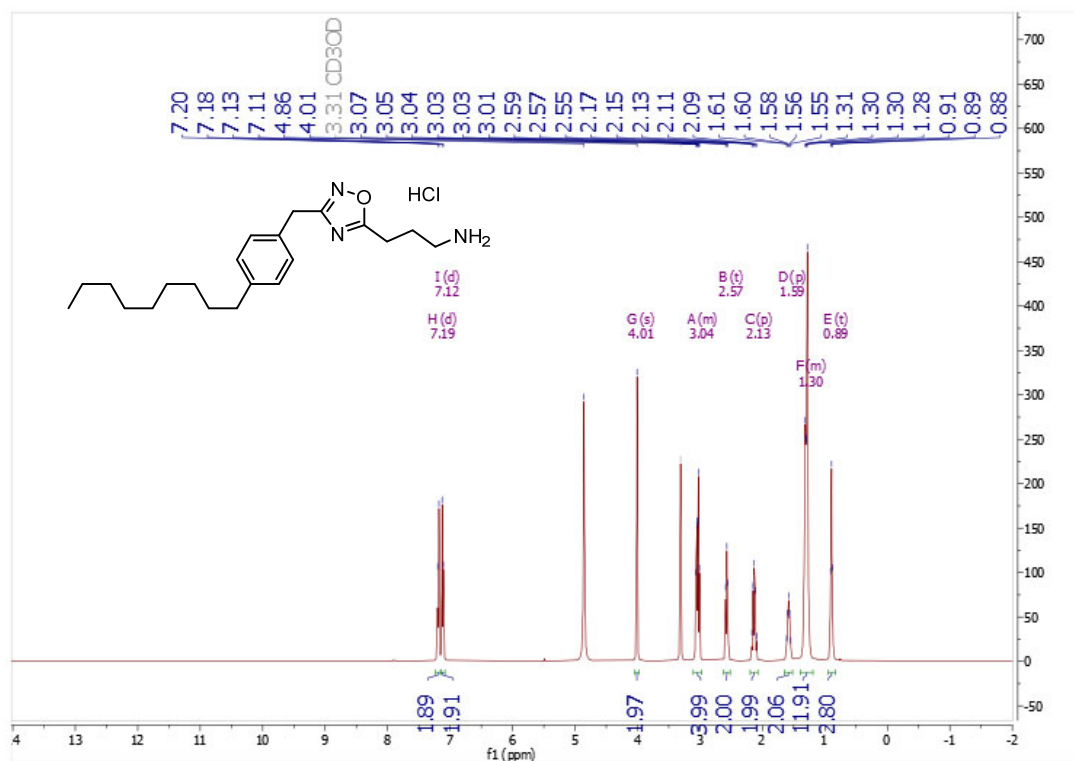
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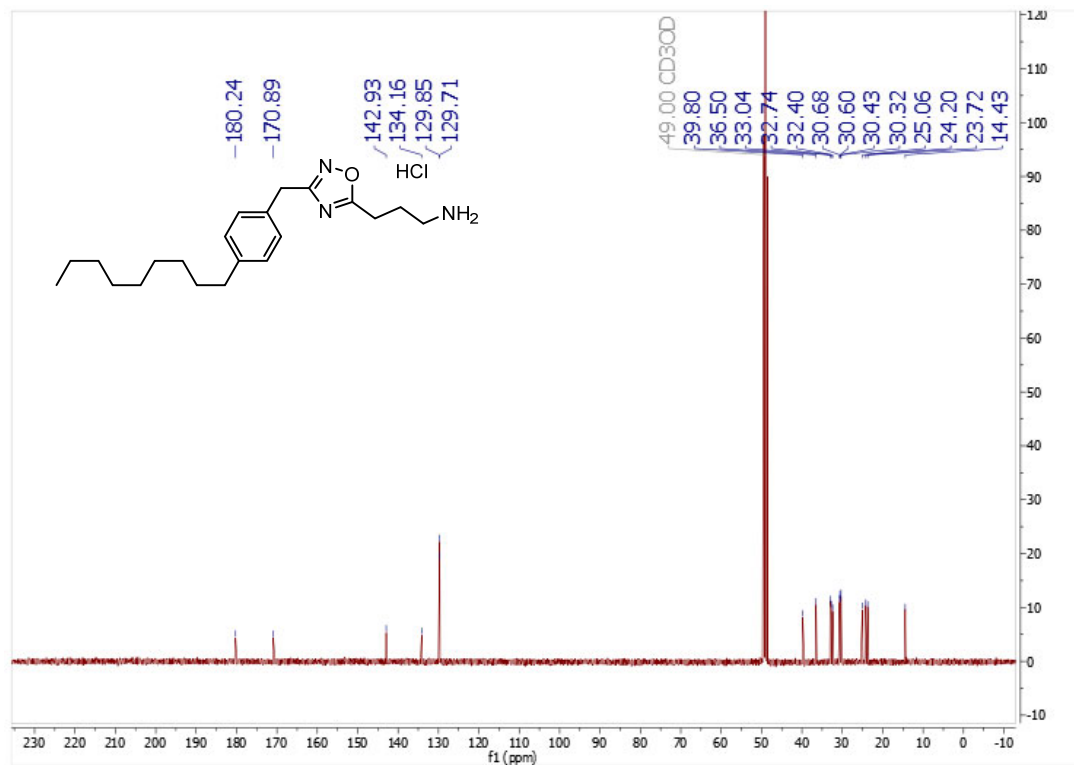
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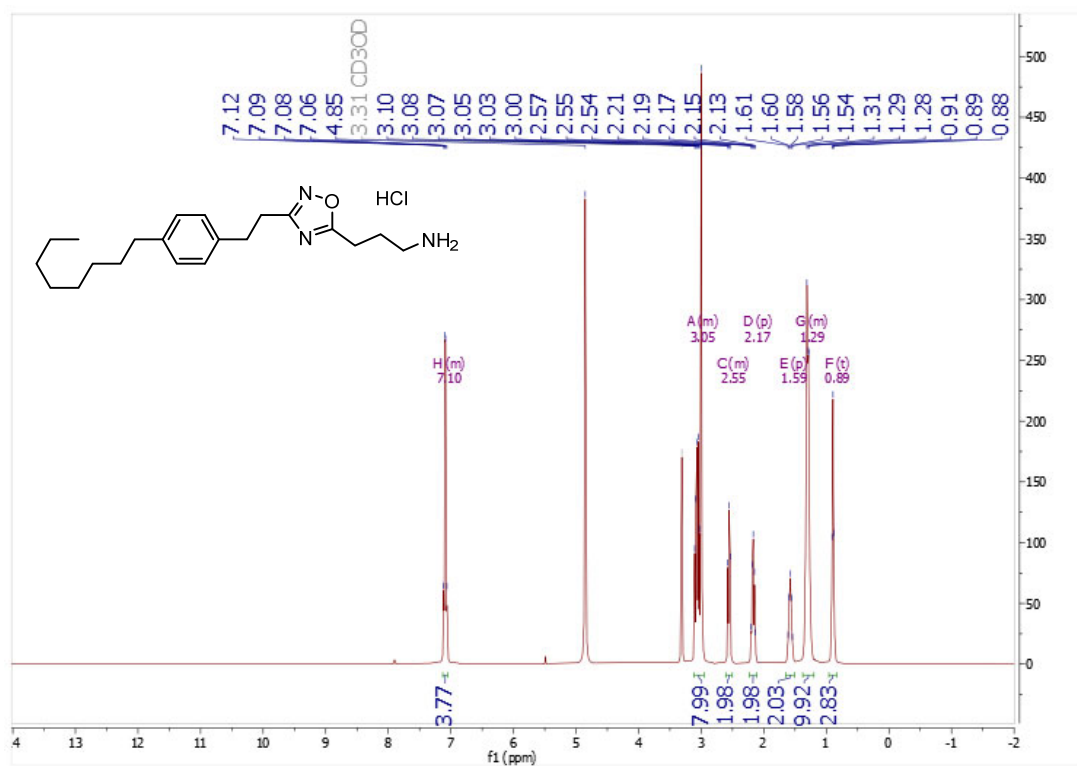
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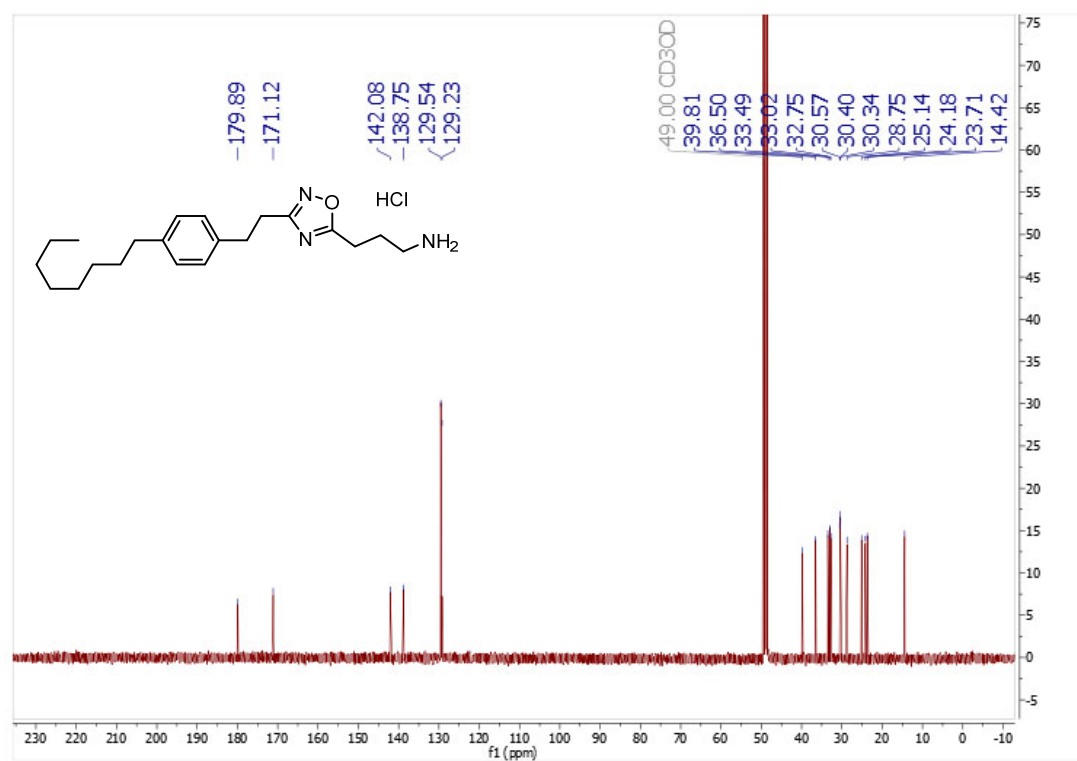
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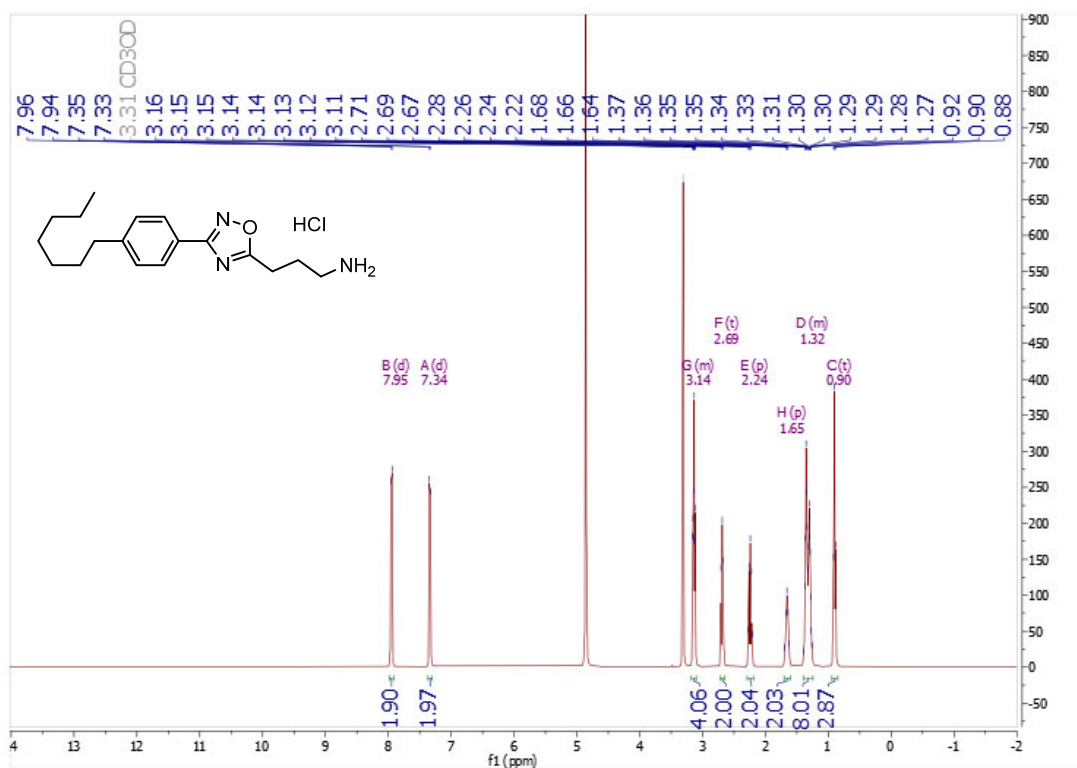
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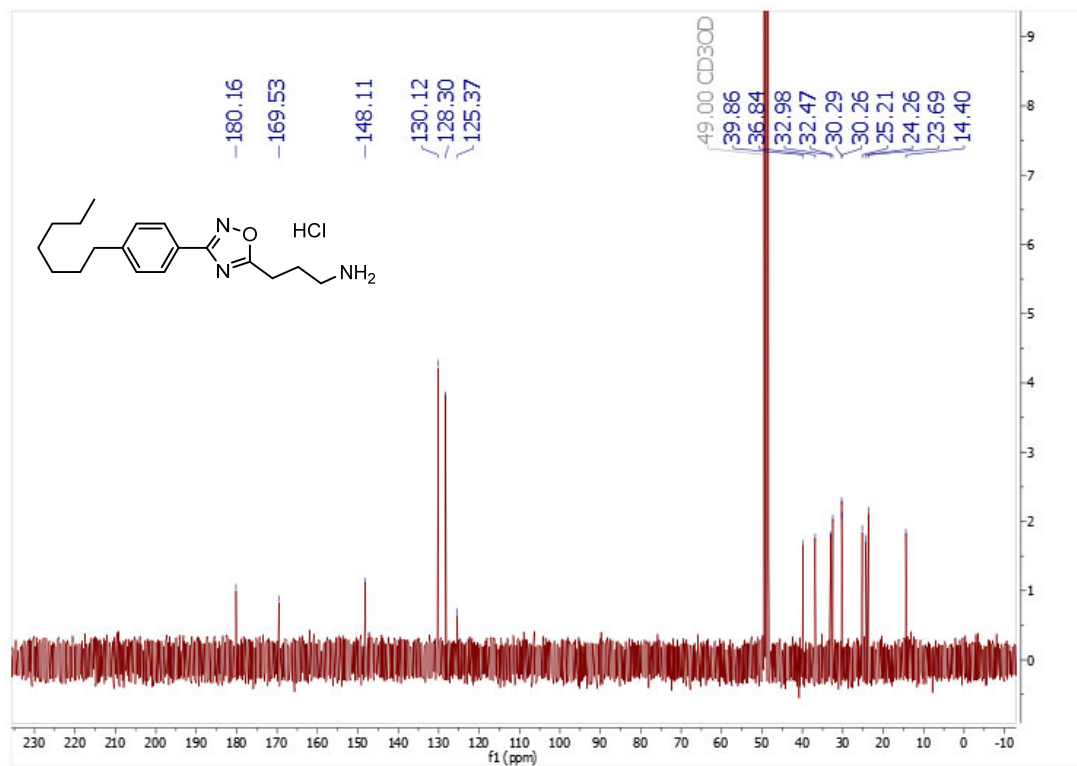
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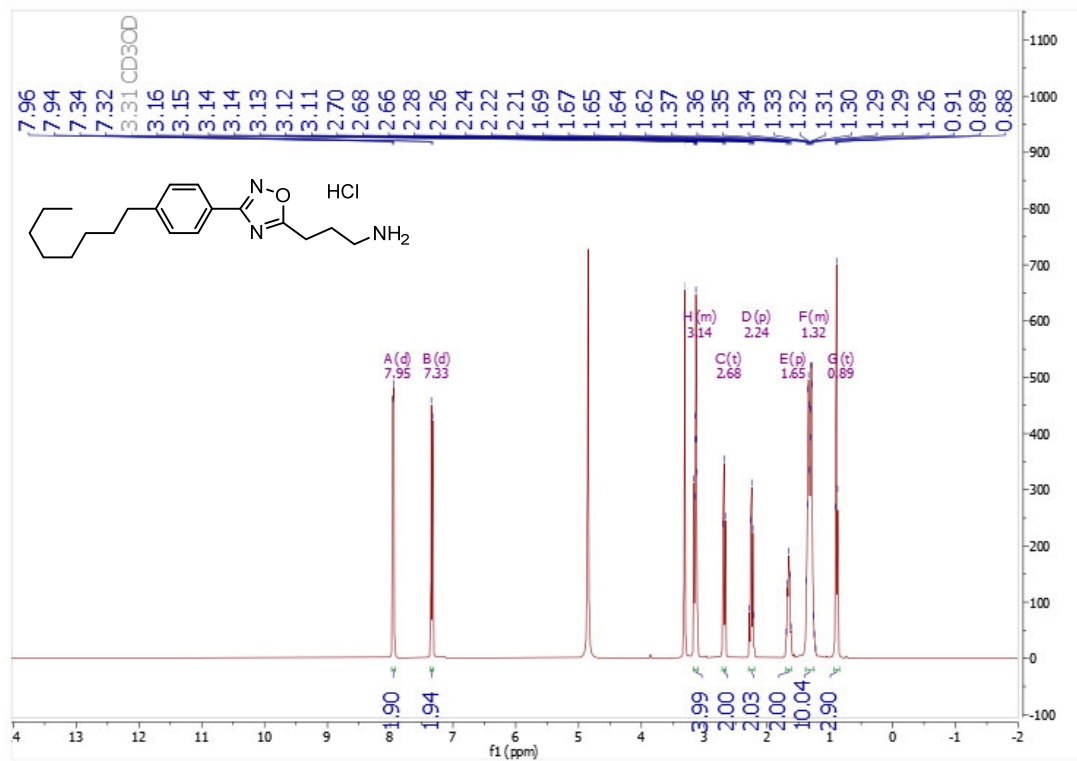
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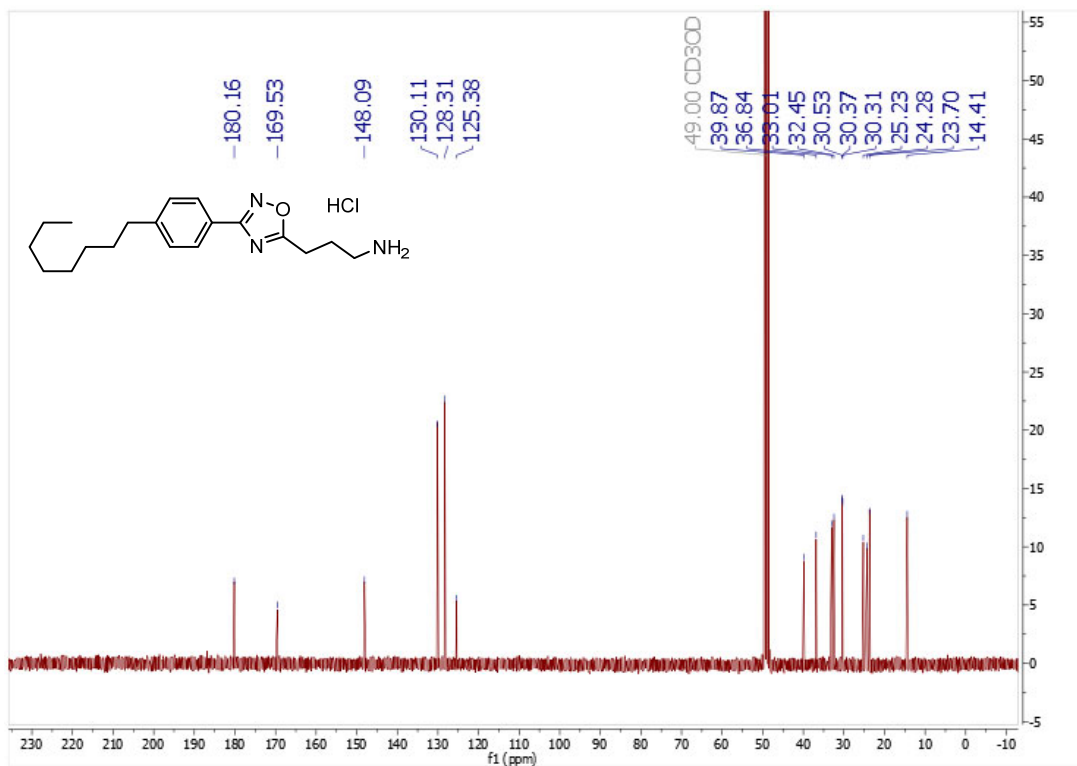
^{13}C NMR (101 MHz, CD_3OD) **57b**



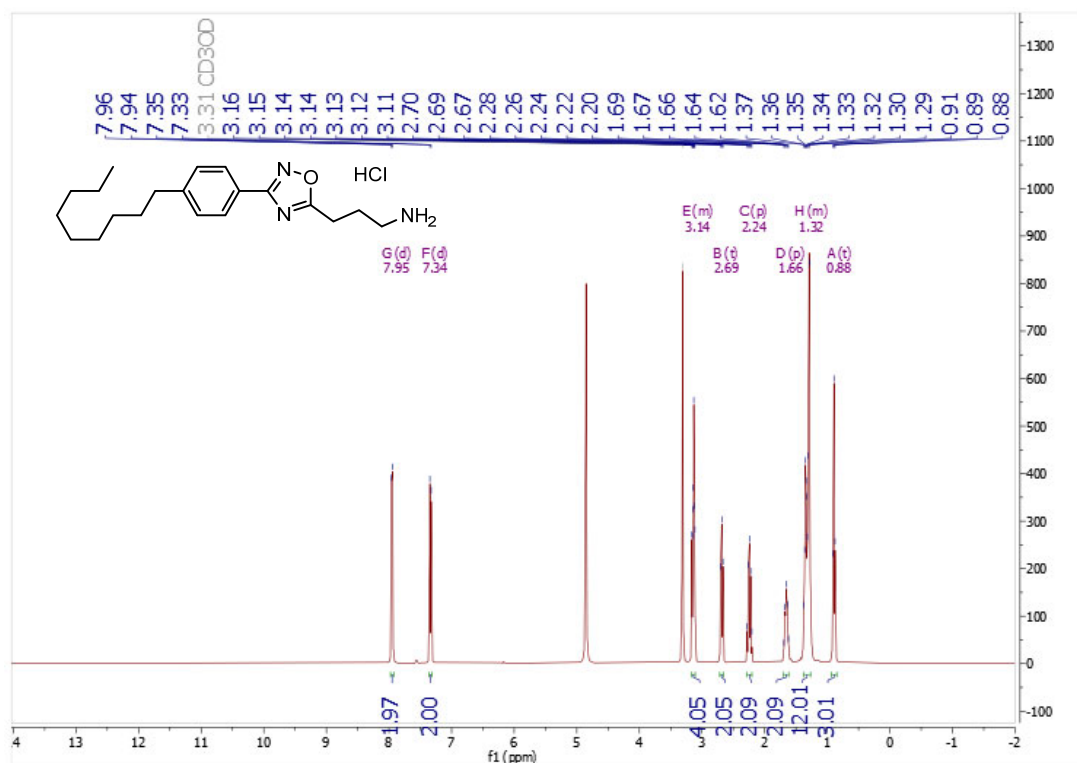
^1H NMR (400 MHz, CD_3OD) **57c**



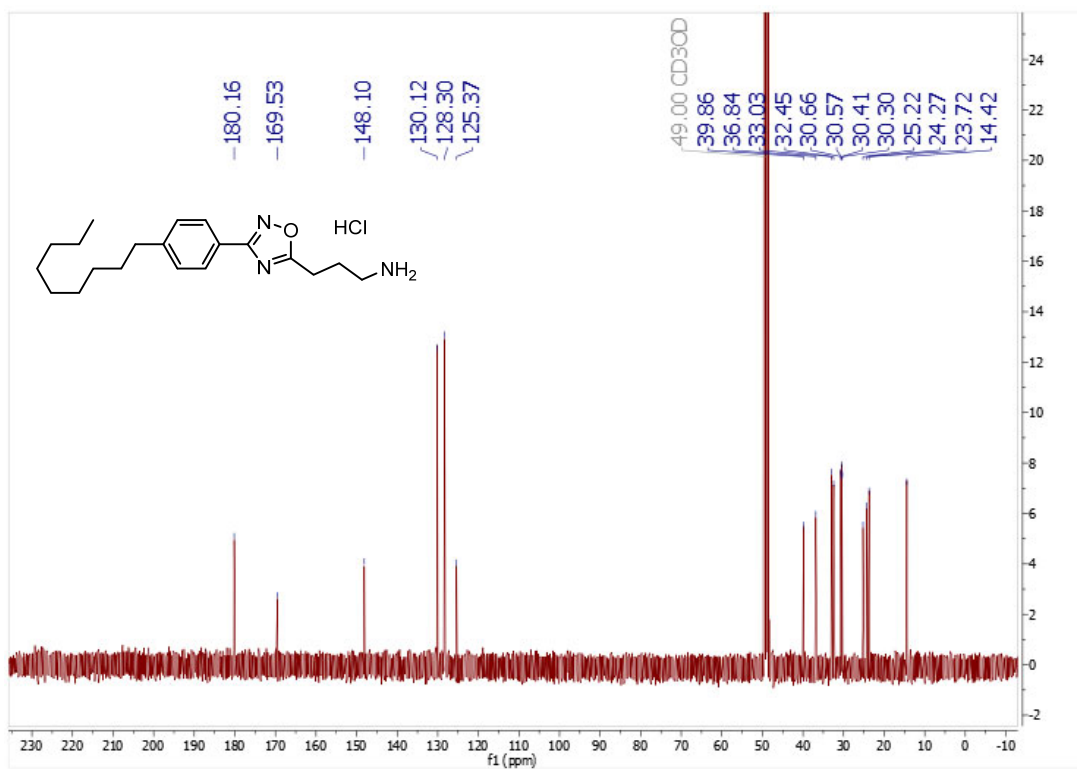
^{13}C NMR (101 MHz, CD_3OD) **57c**



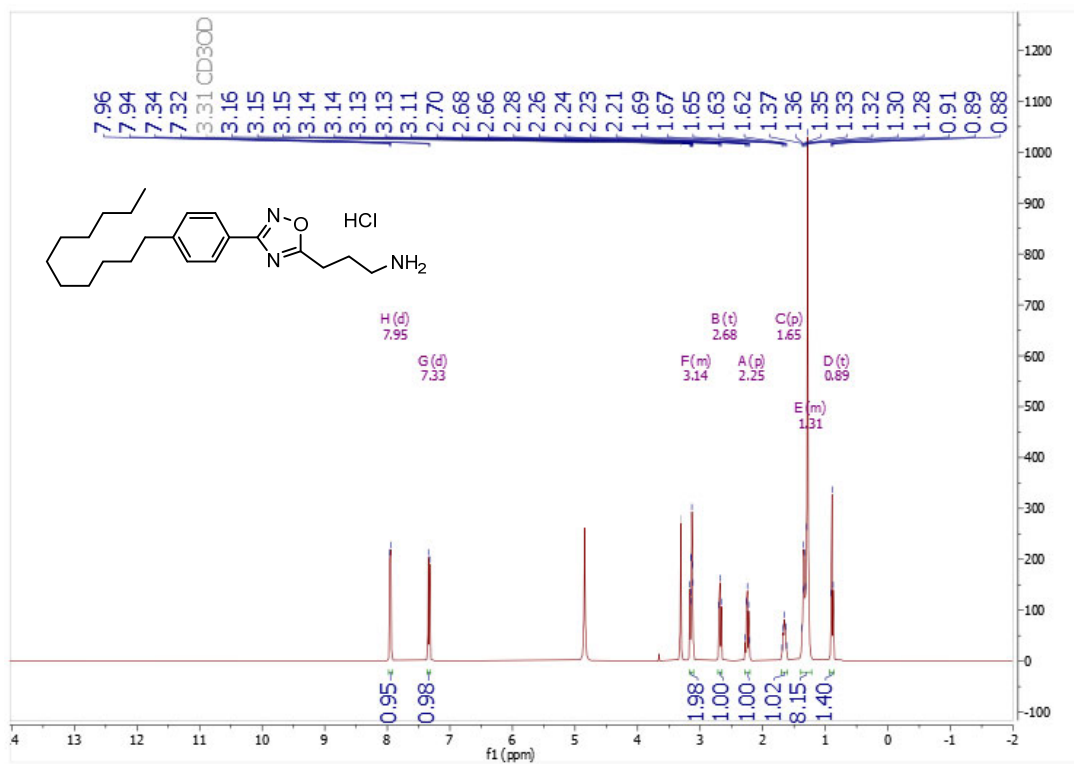
¹H NMR (400 MHz, CD₃OD) **57d**



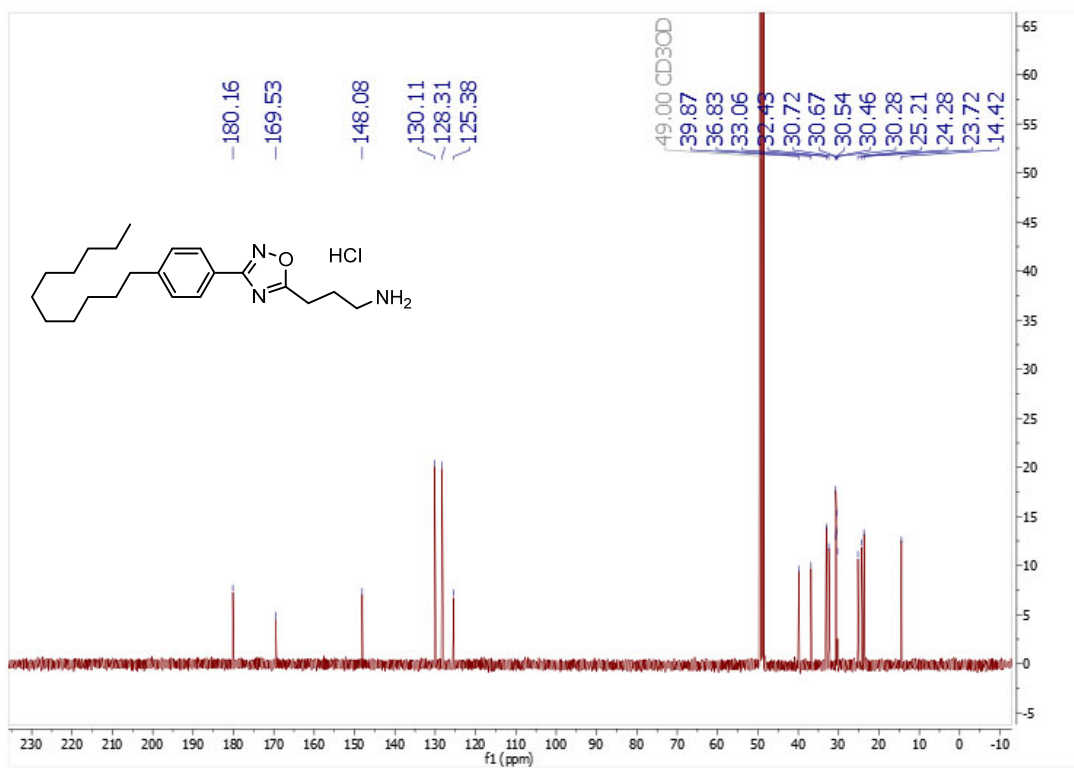
¹³C NMR (101 MHz, CD₃OD) **57d**



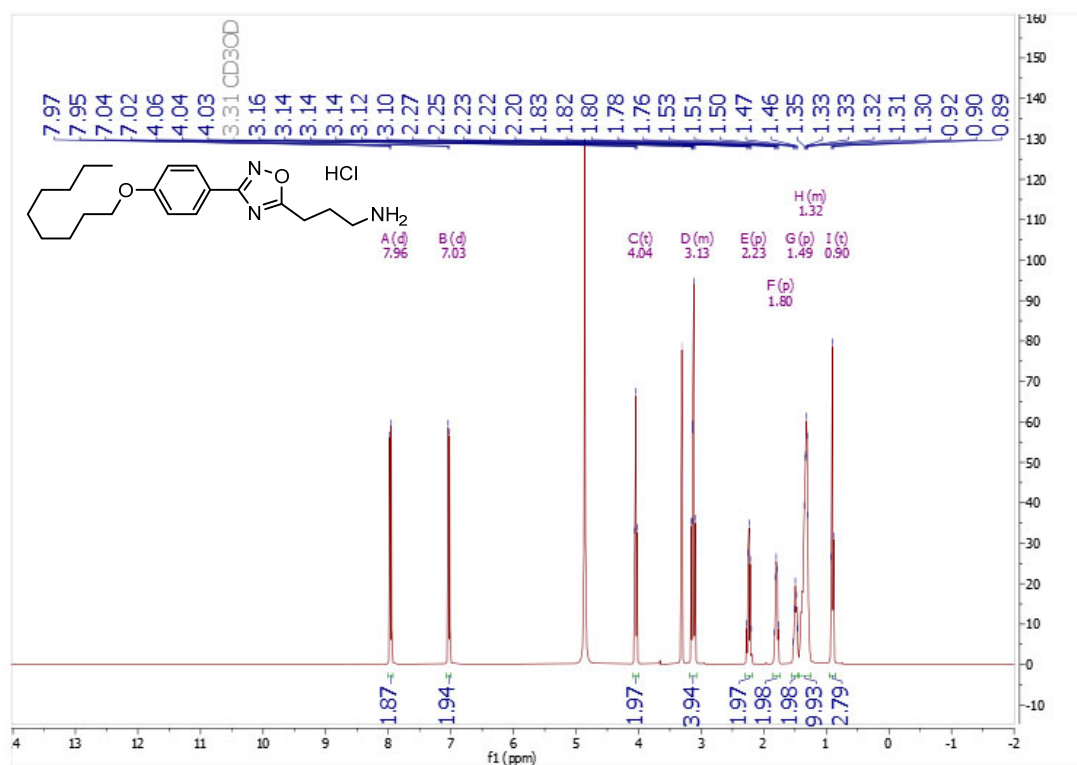
^1H NMR (400 MHz, CD_3OD) **57e**



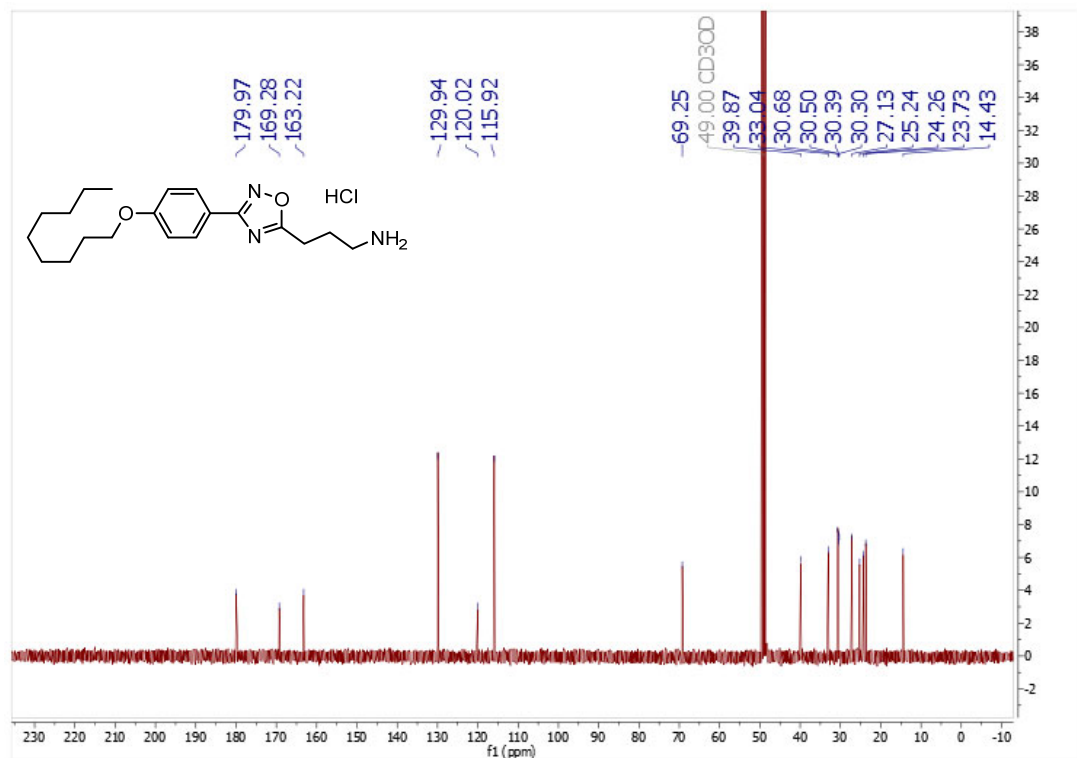
^{13}C NMR (101 MHz, CD_3OD) **57e**



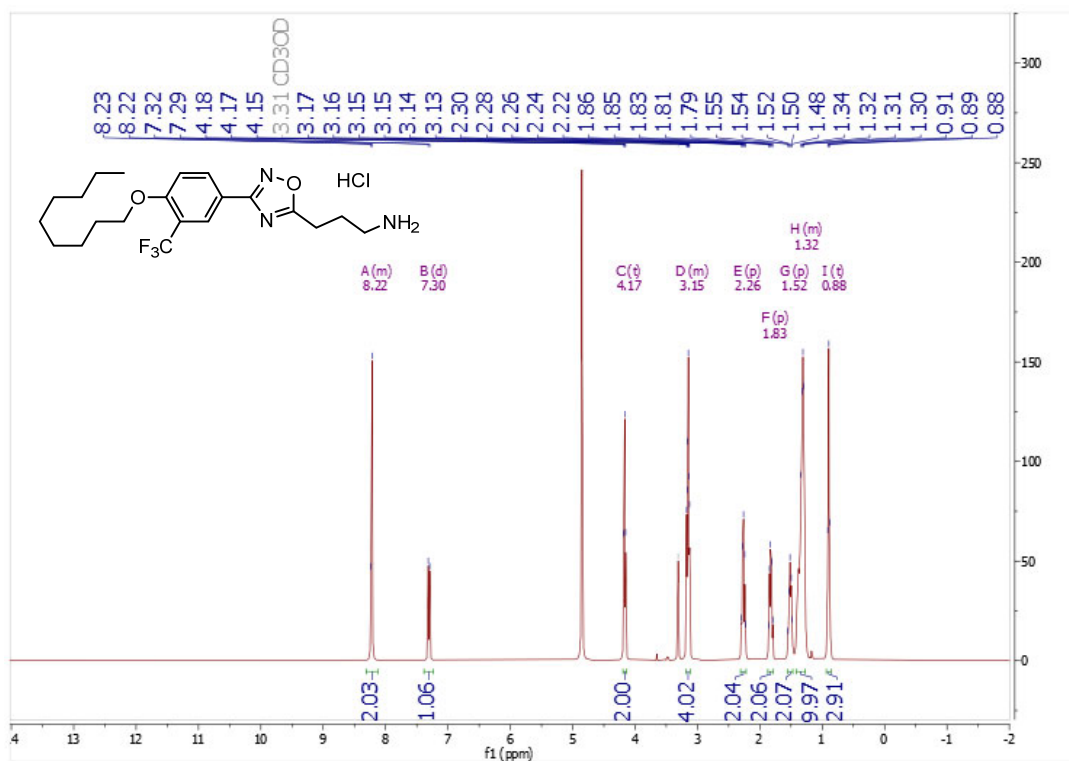
¹H NMR (400 MHz, CD₃OD) **62a**



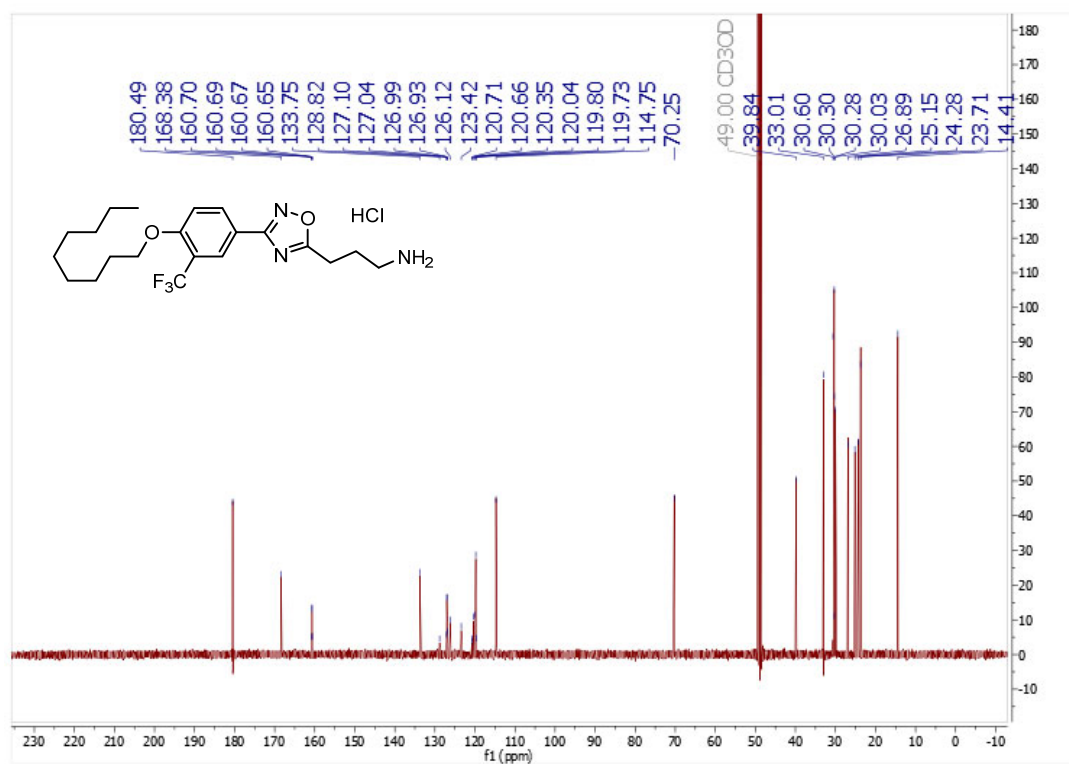
¹³C NMR (101 MHz, CD₃OD) **62a**



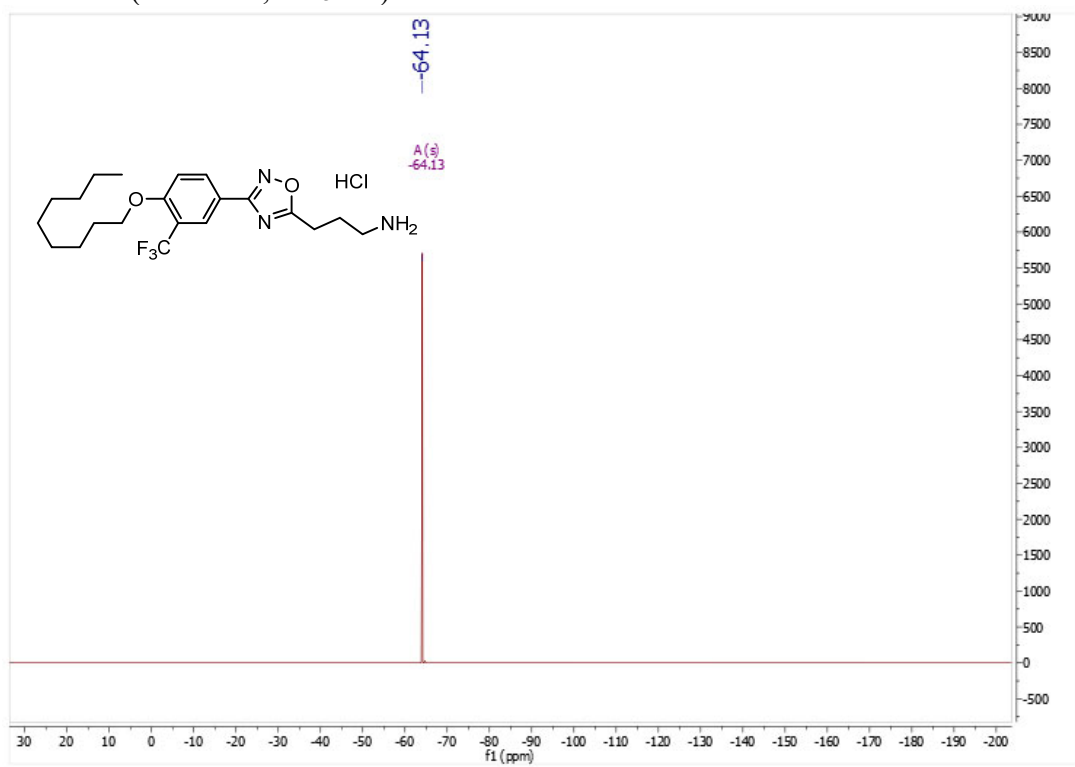
¹H NMR (400 MHz, CD₃OD) **62c**



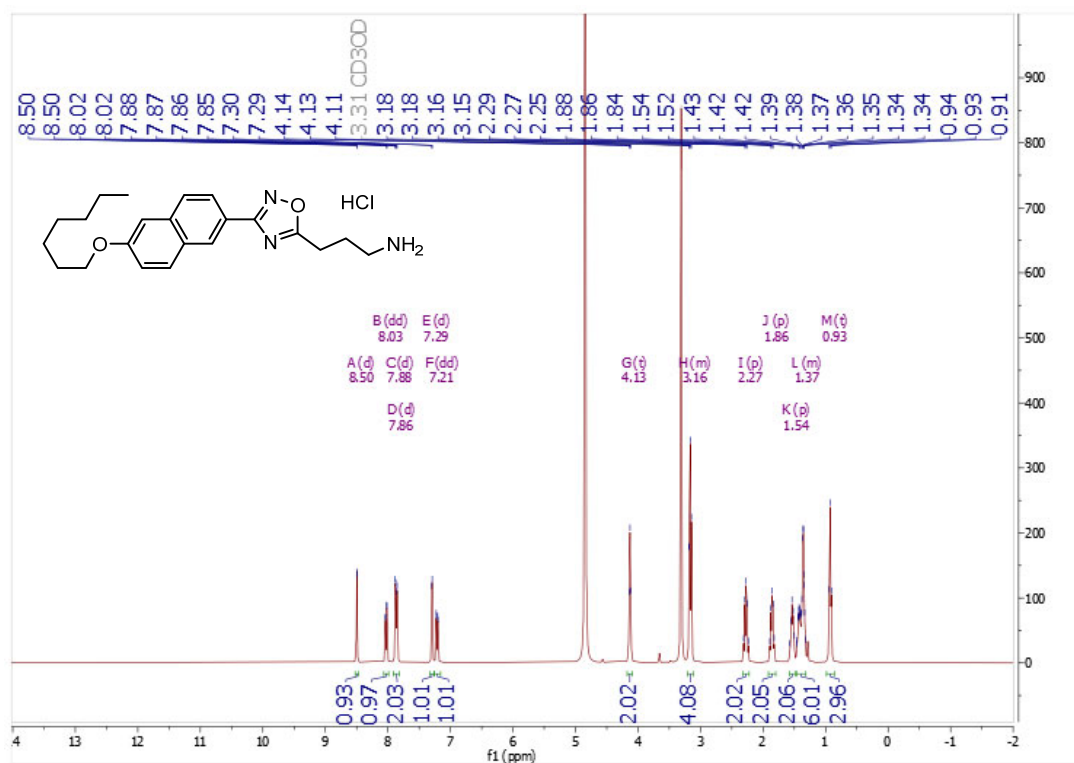
¹³C NMR (101 MHz, CD₃OD) **62c**



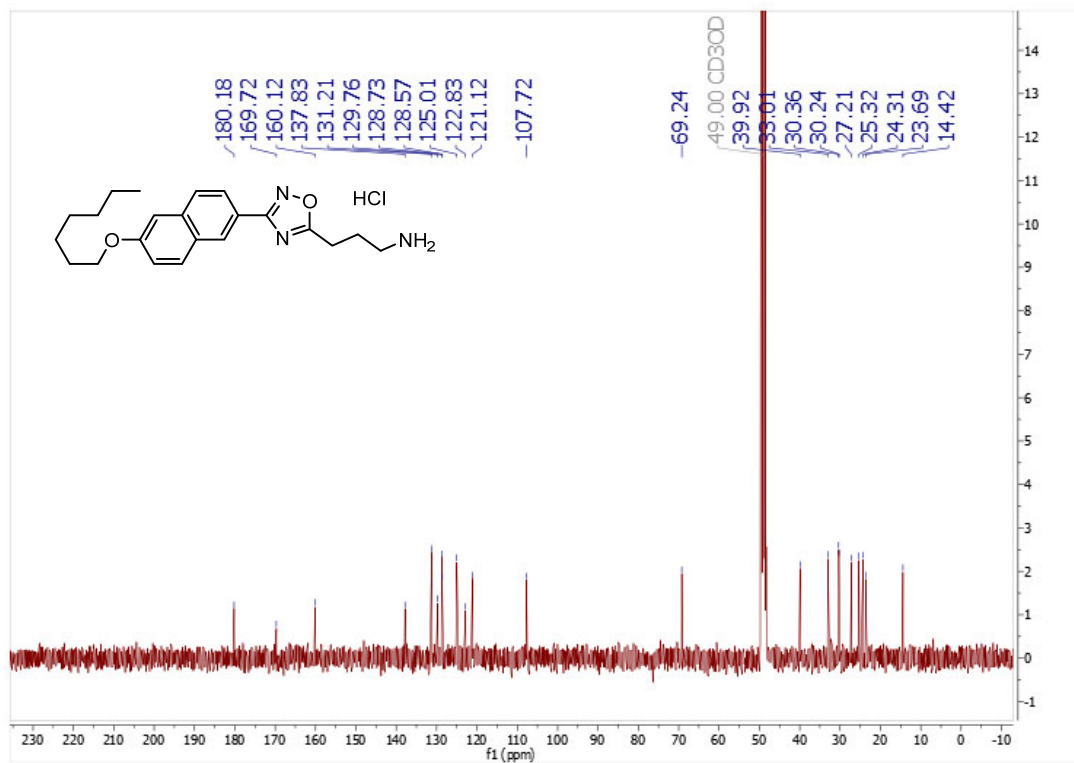
^{19}F NMR (376 MHz, CD_3OD) **62c**



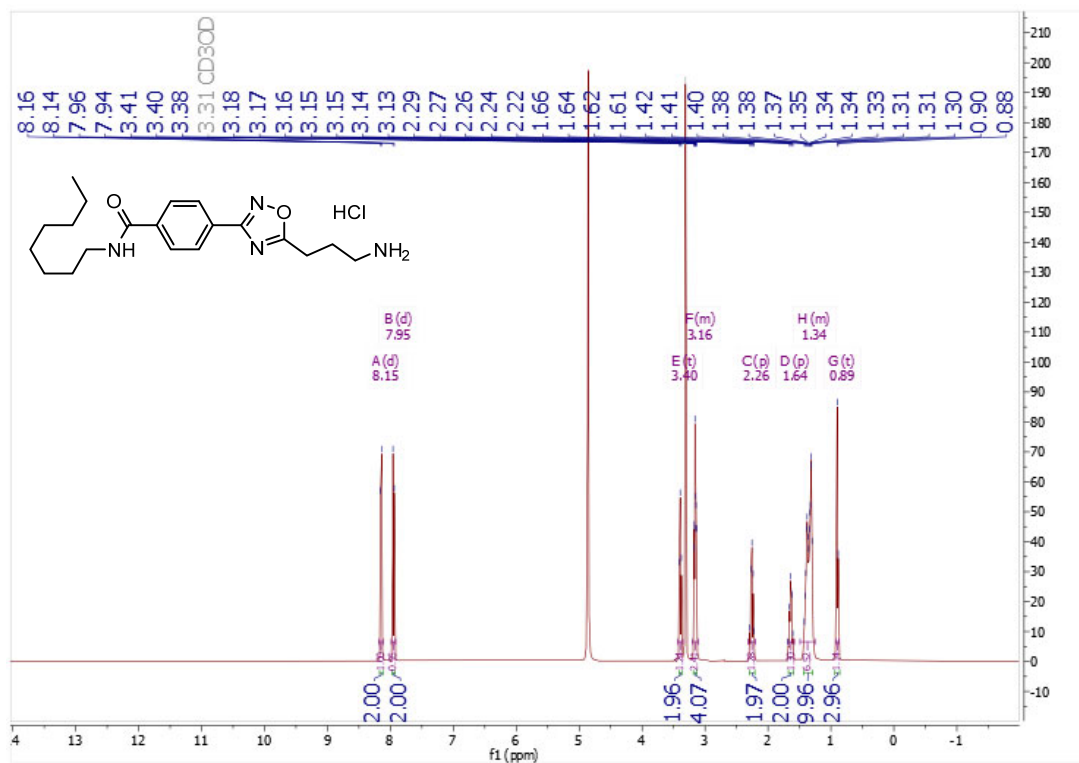
¹H NMR (400 MHz, CD₃OD) **62d**



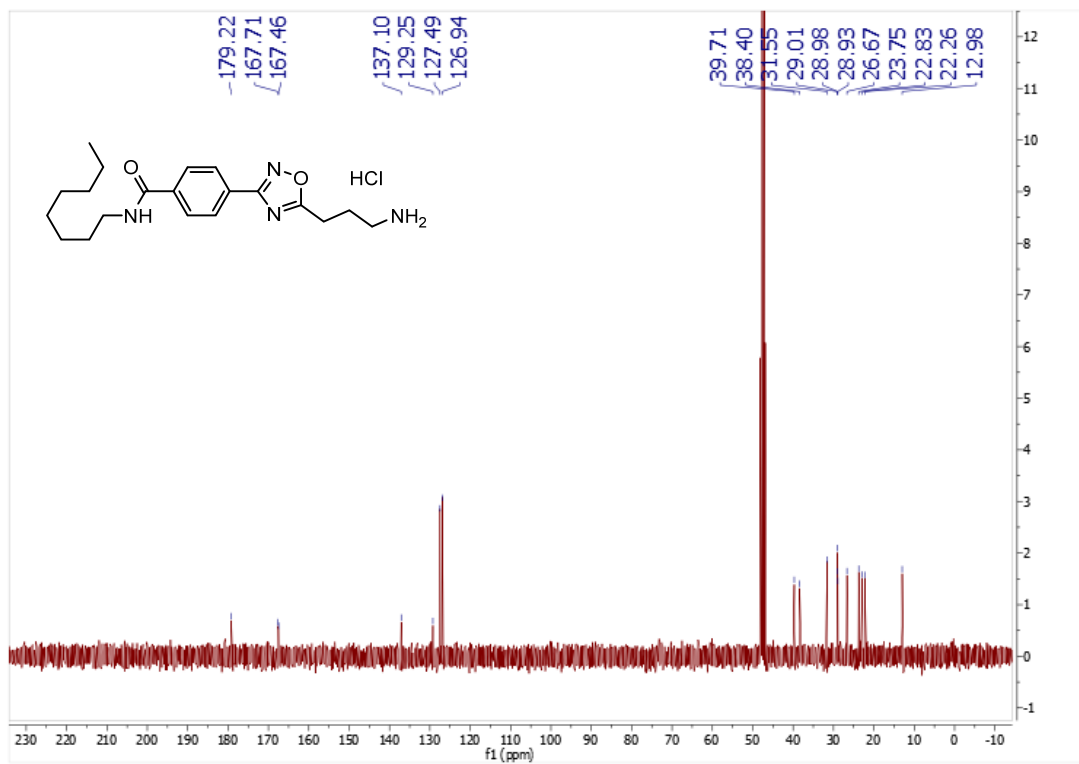
¹³C NMR (101 MHz, CD₃OD) **62d**



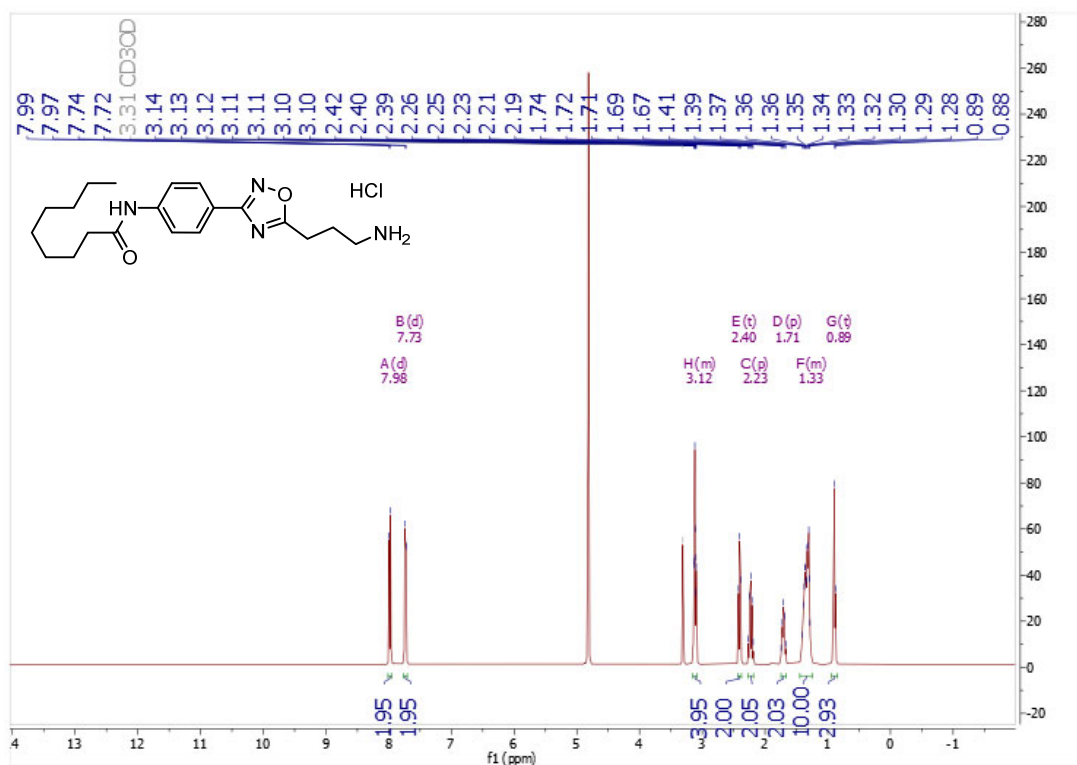
^1H NMR (400 MHz, CD_3OD) **67**



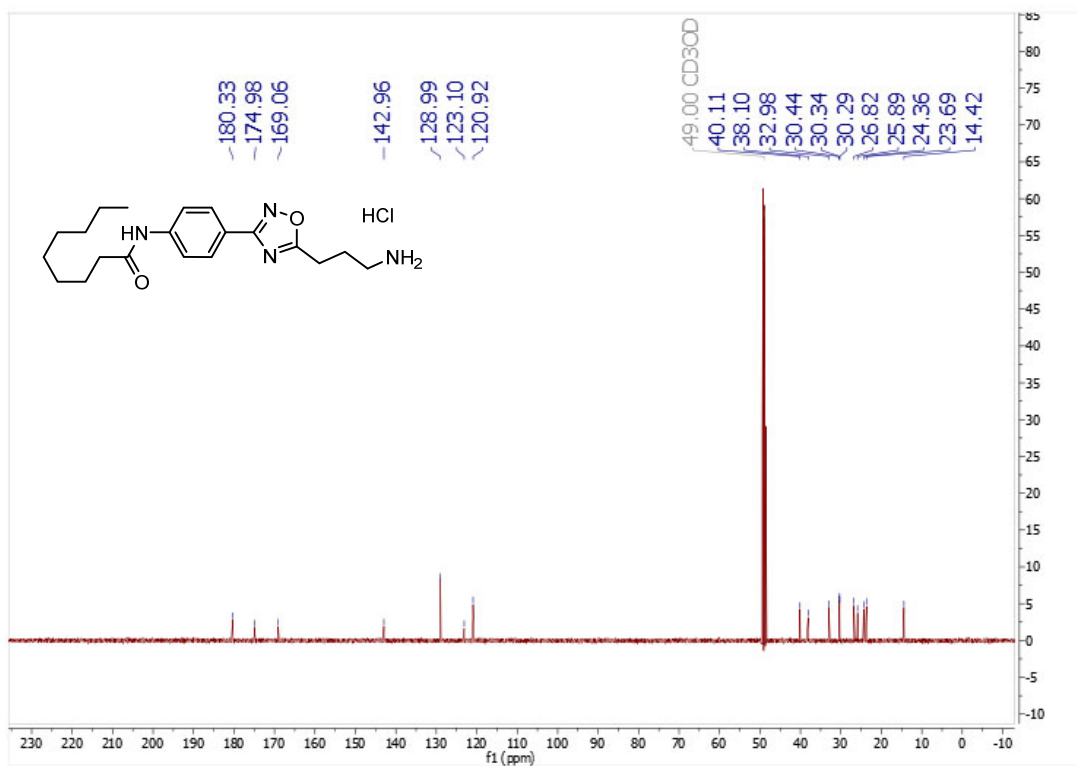
^{13}C NMR (101 MHz, CD_3OD) **67**



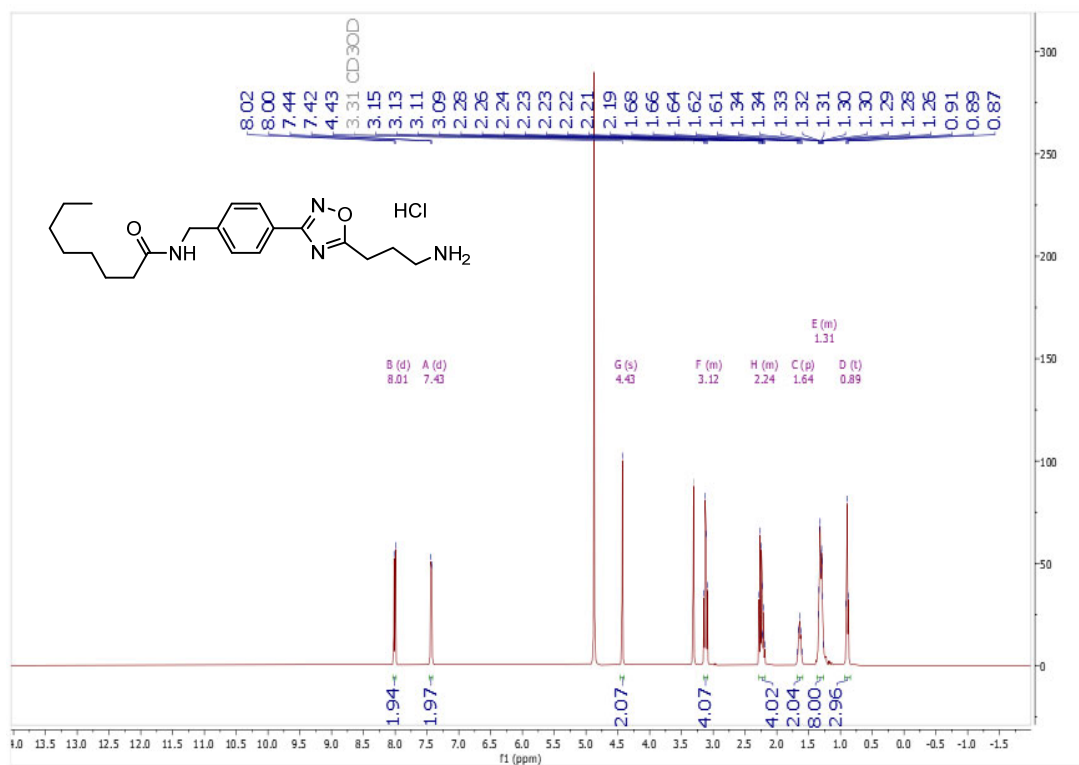
¹H NMR (400 MHz, CD₃OD) **72a**



¹³C NMR (101 MHz, CD₃OD) **72a**



¹H NMR (400 MHz, CD₃OD) **72b**



¹³C NMR (101 MHz, CD₃OD) **72b**

