

# Synthesis and biological evaluation of imidazo[2,1-*b*]thiazole based sulfonyl piperazines as novel carbonic anhydrase II inhibitors

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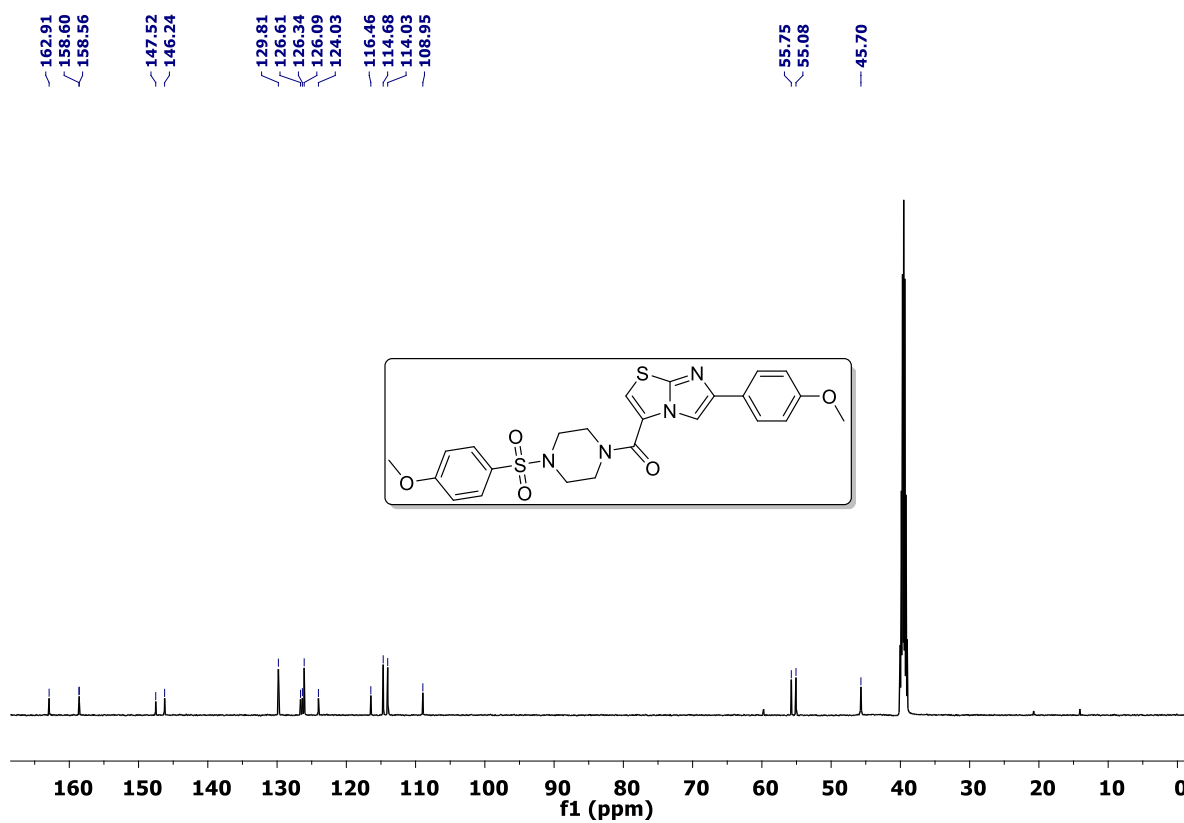
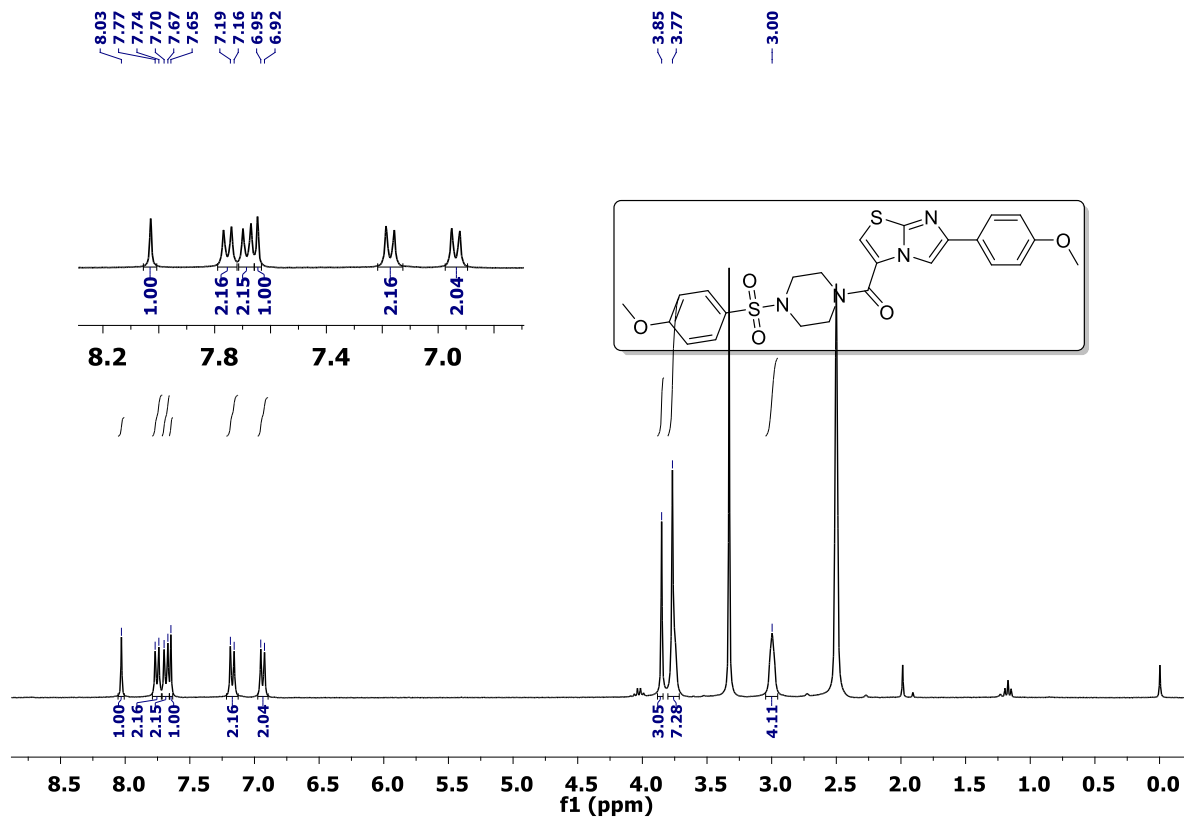
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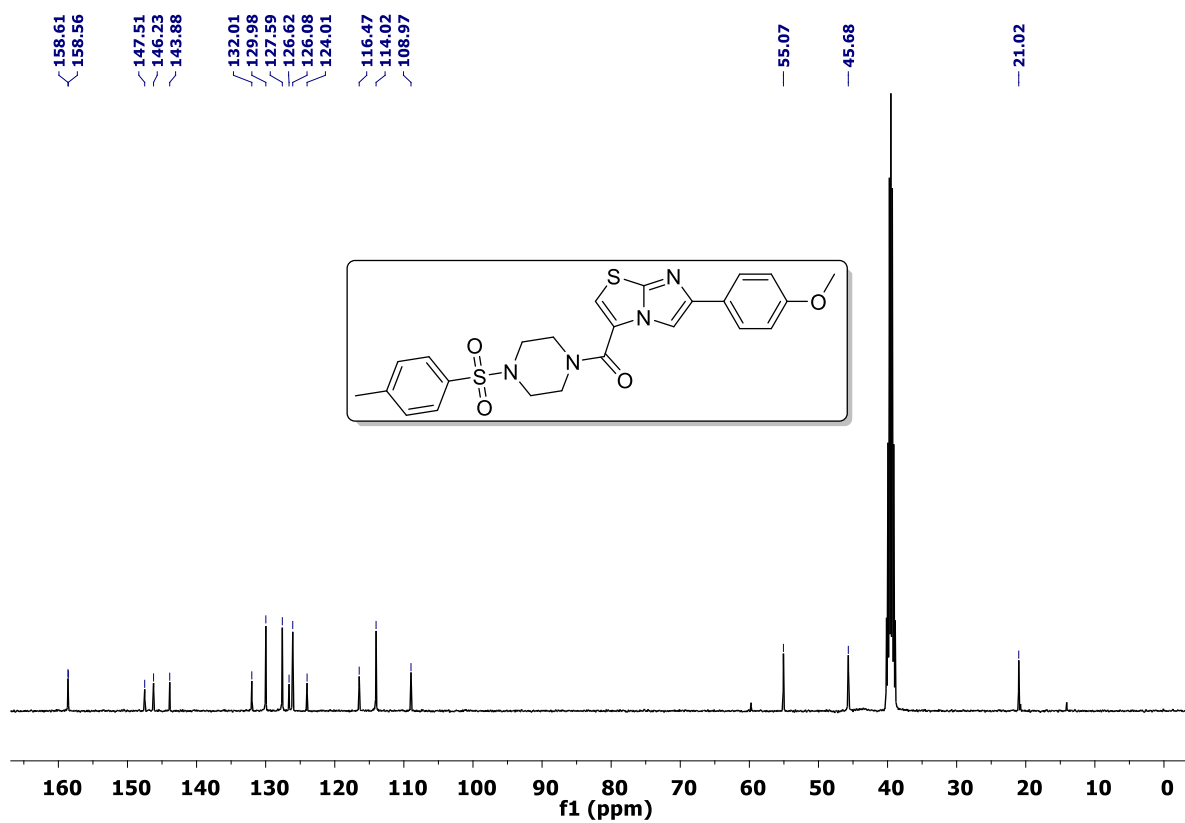
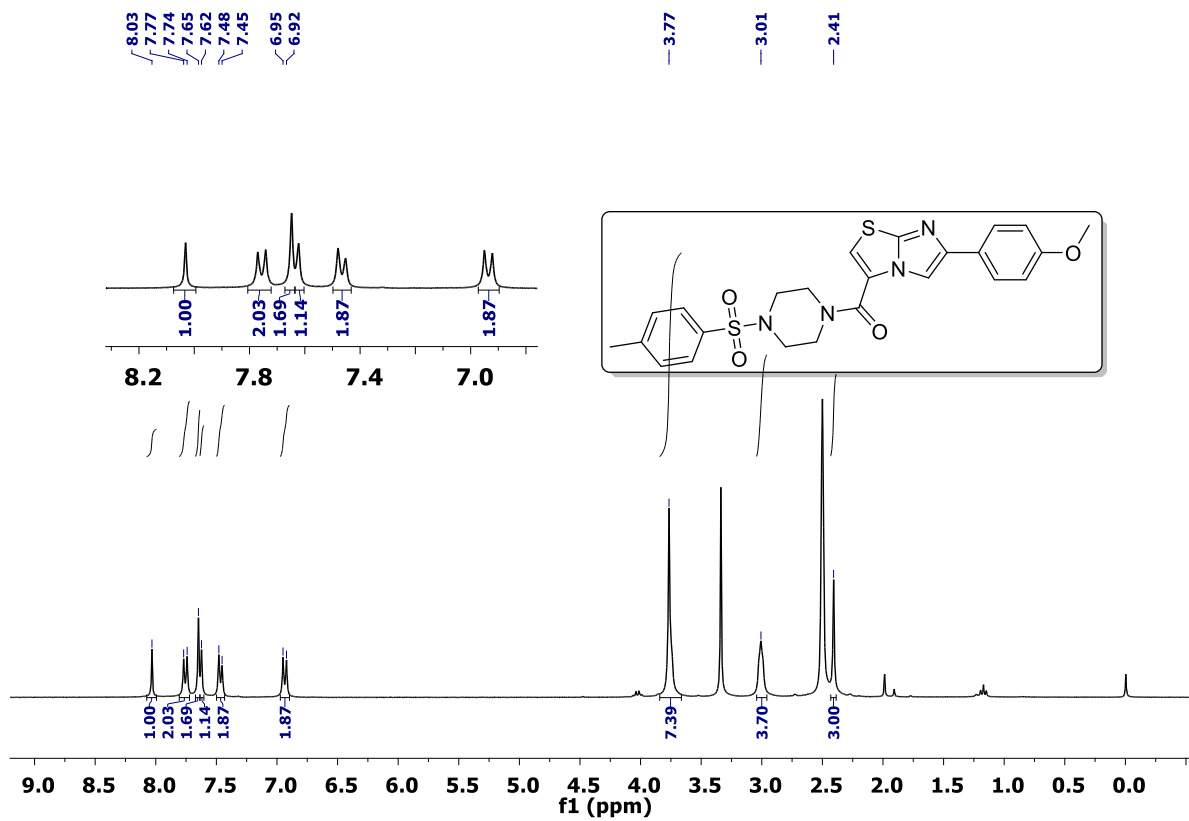
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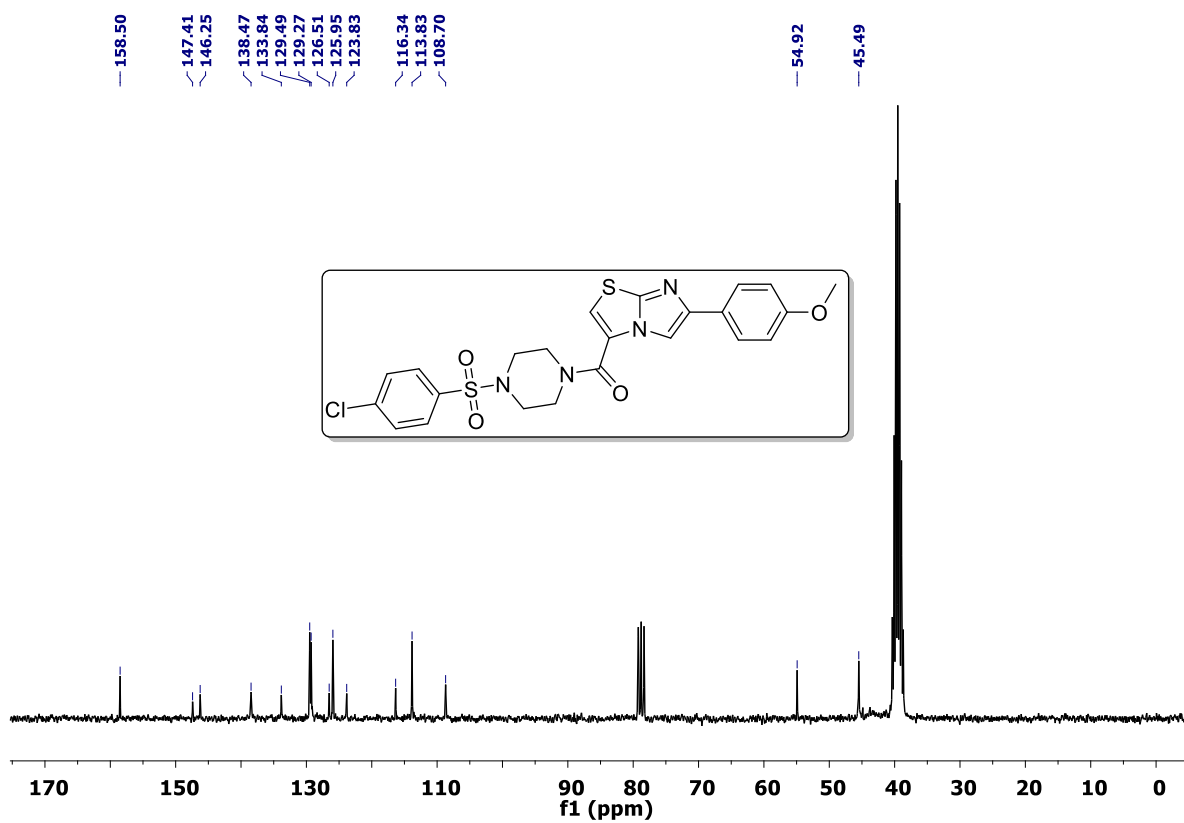
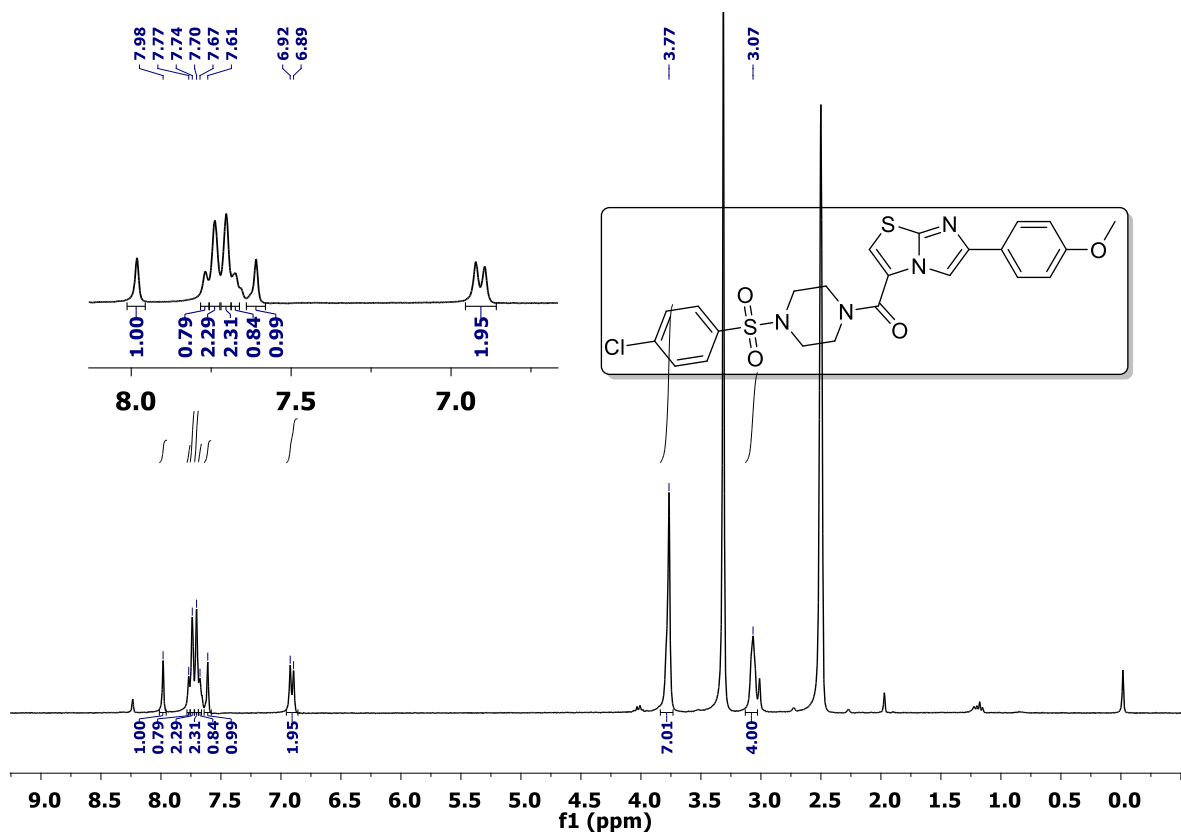
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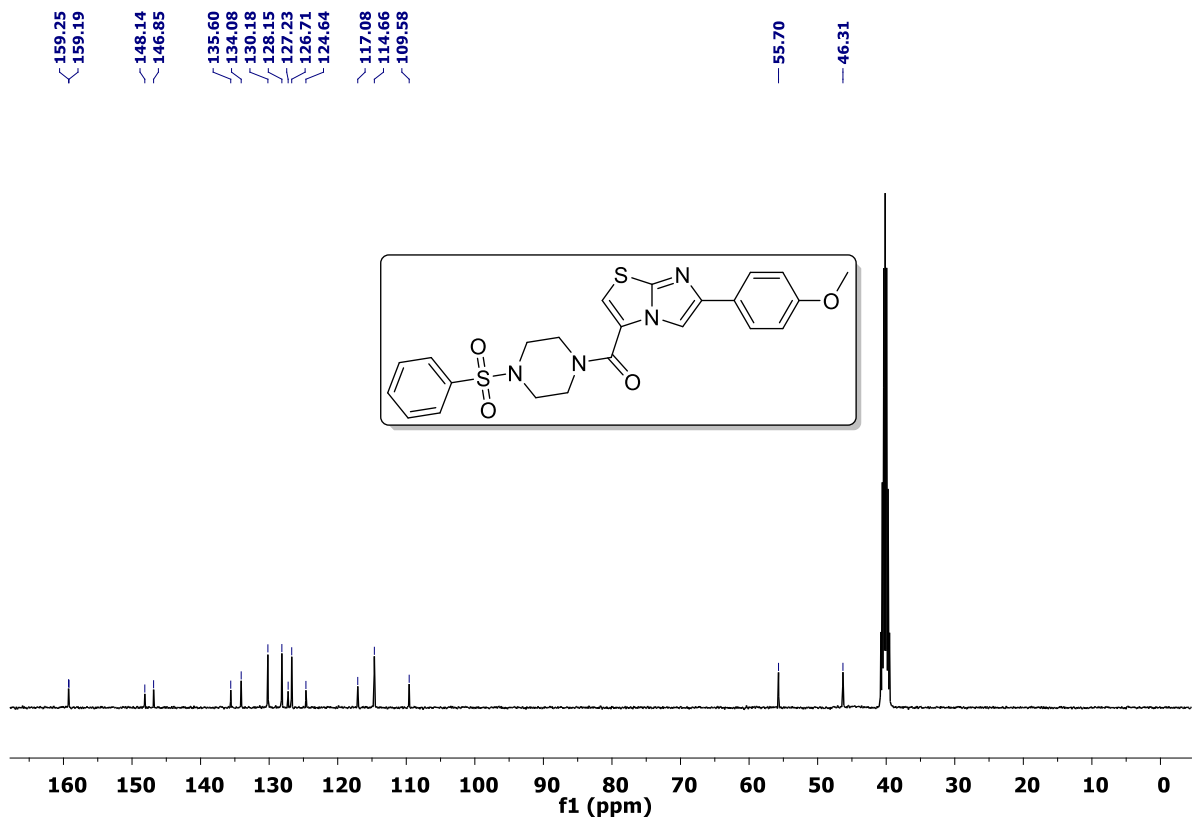
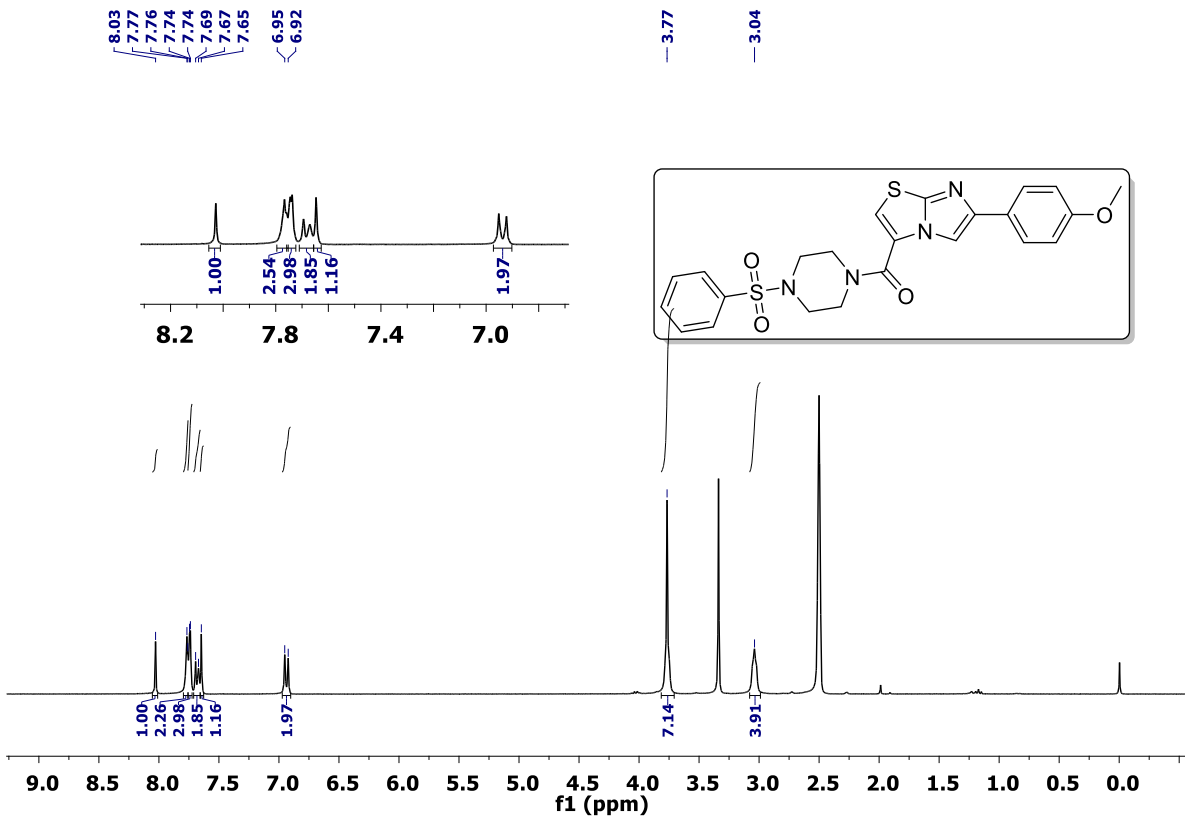
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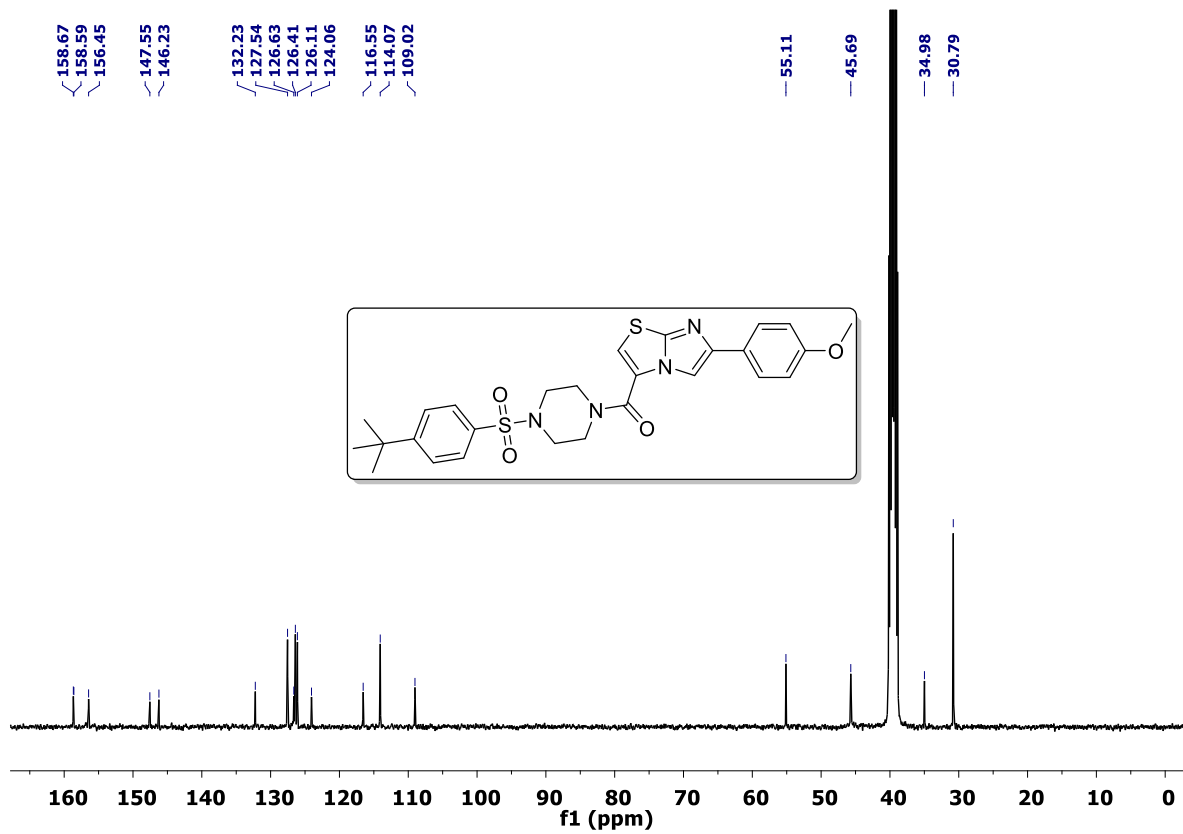
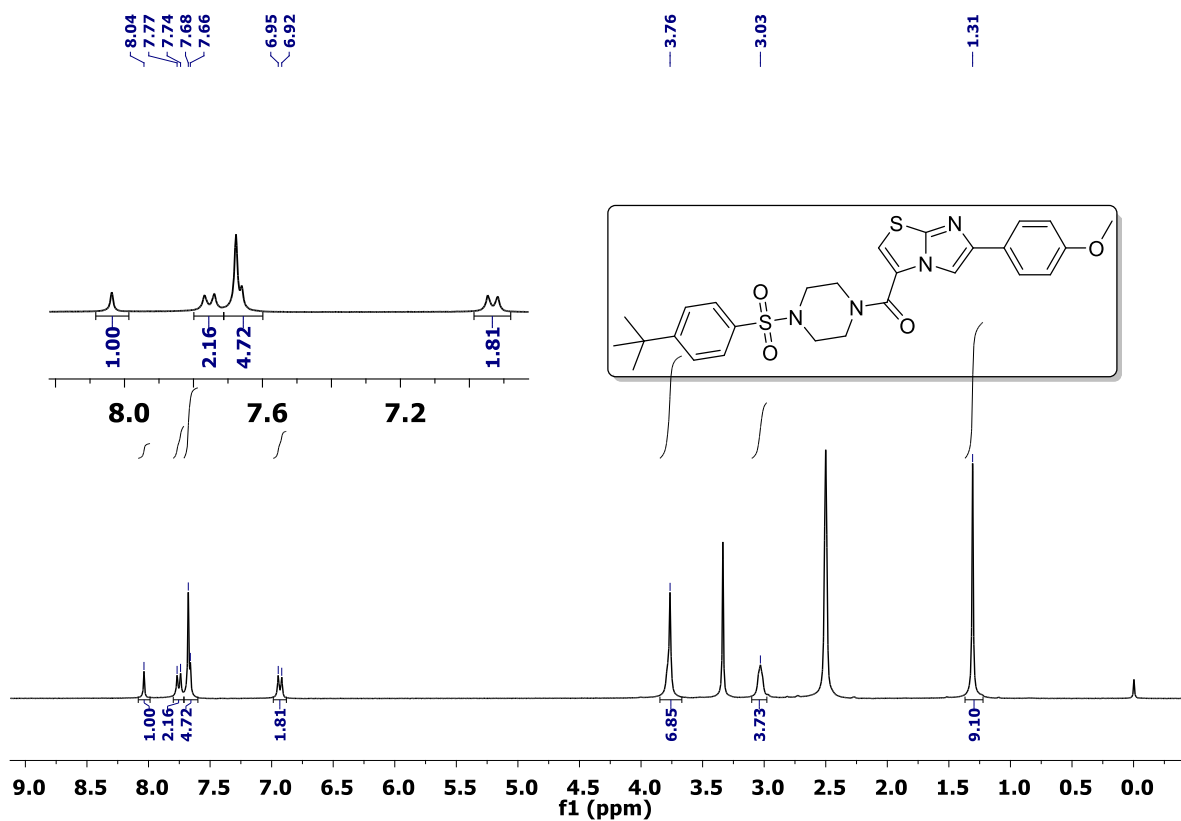
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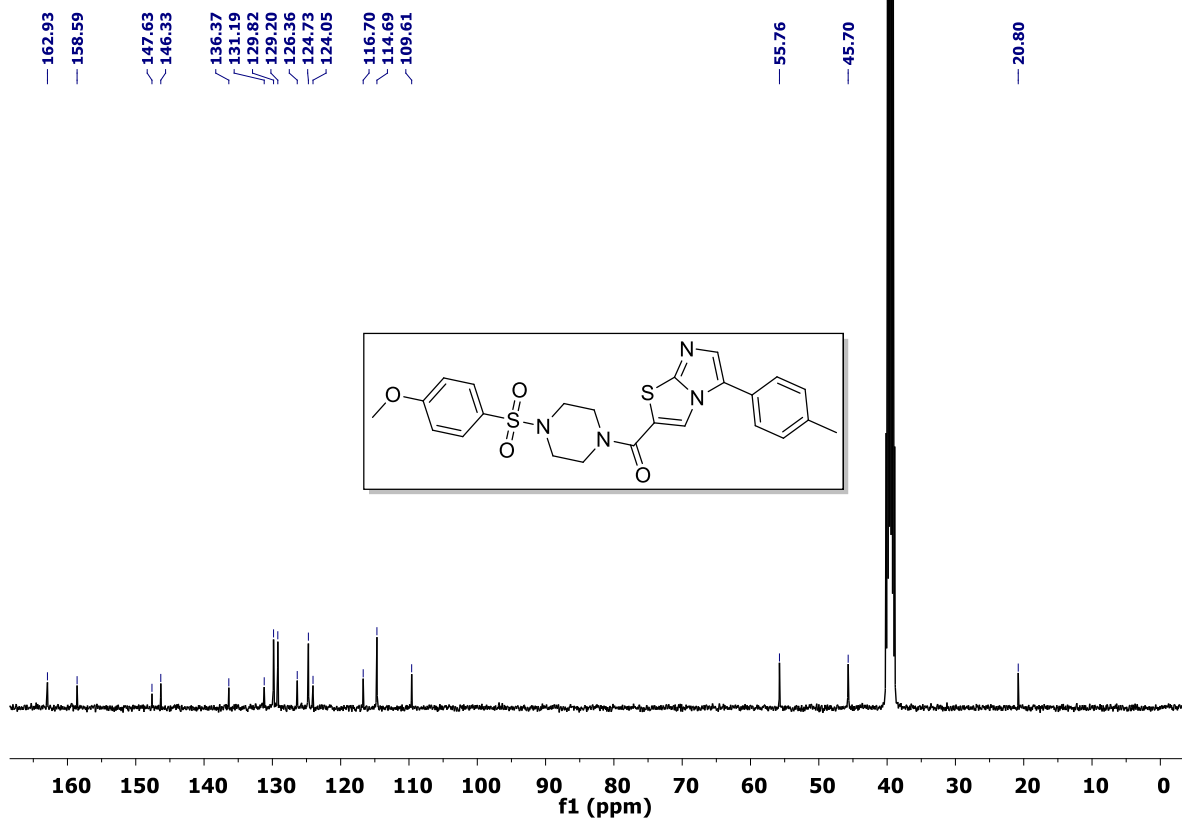
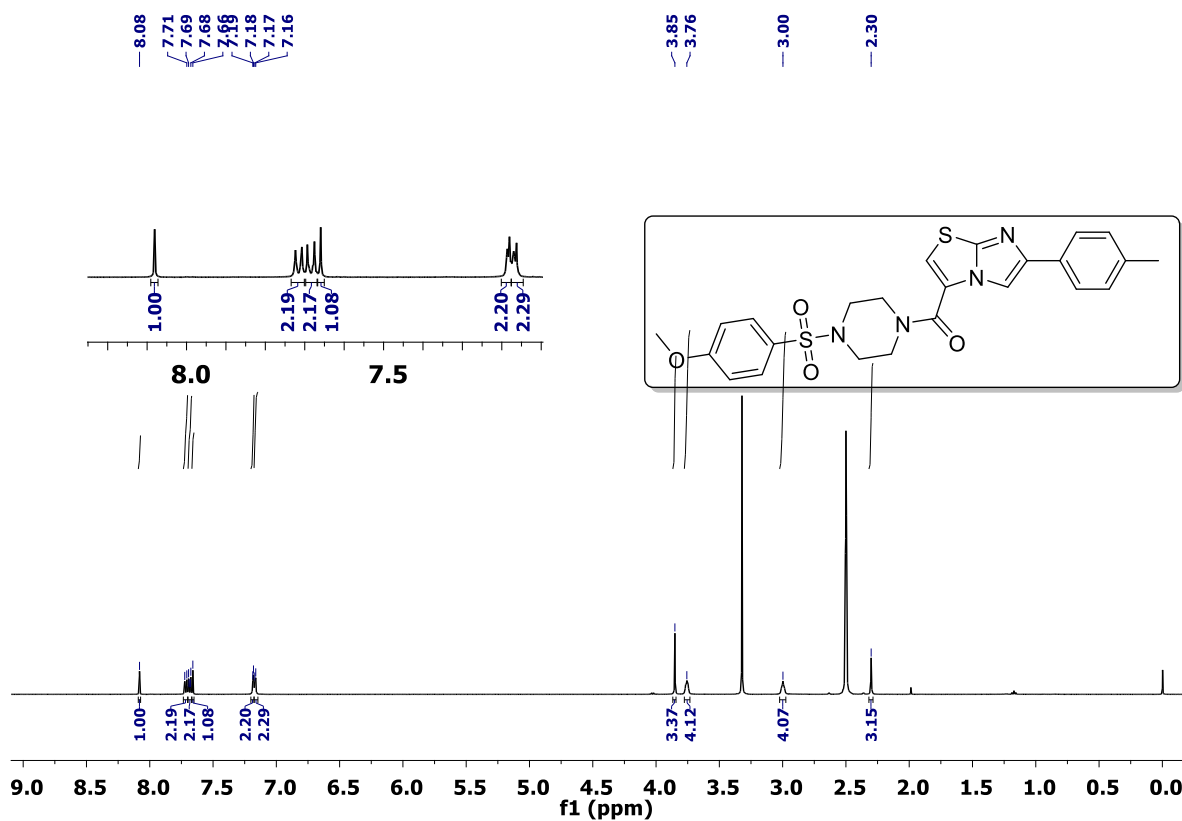
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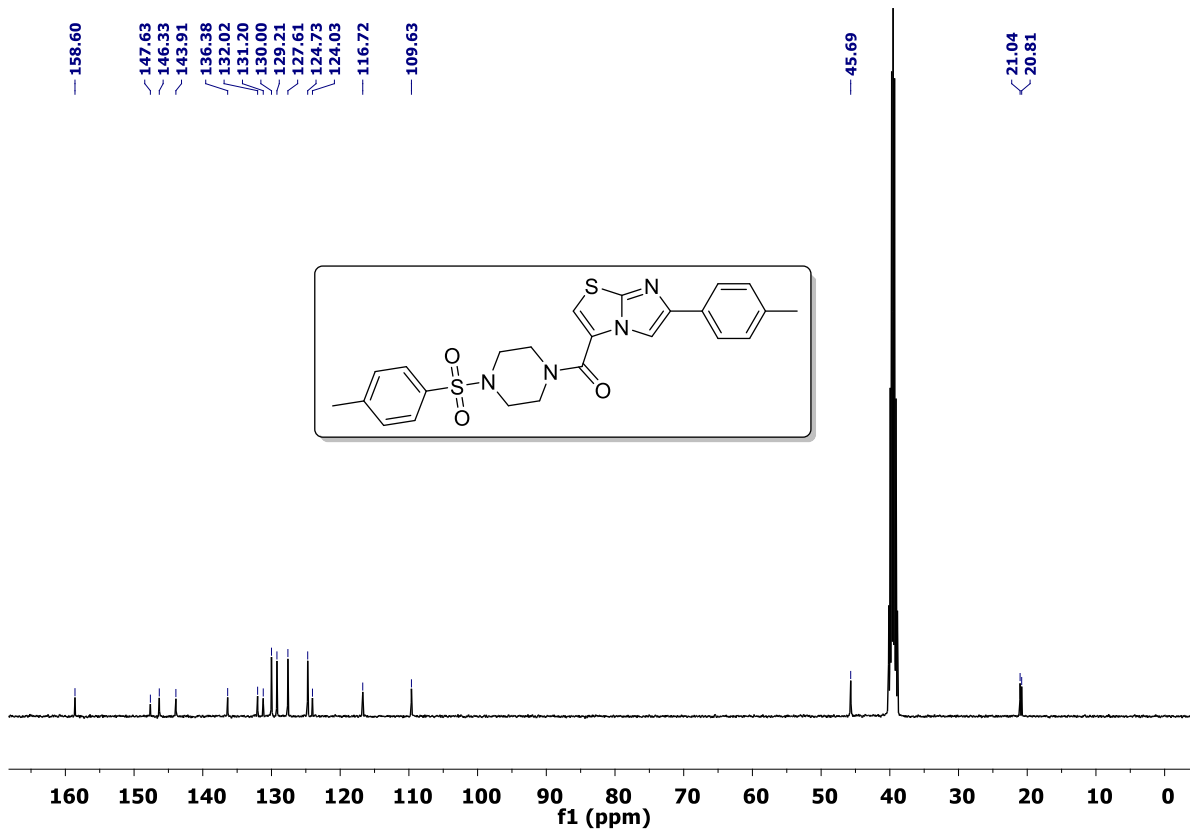
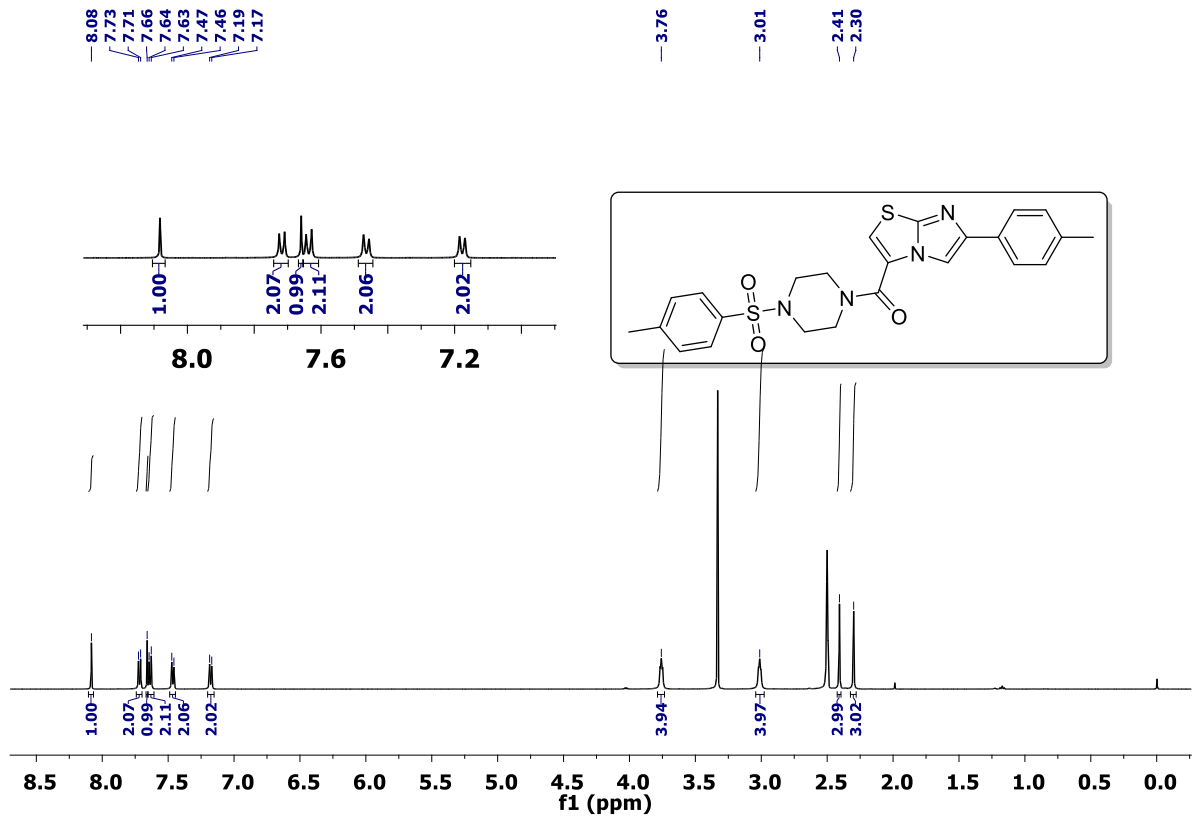
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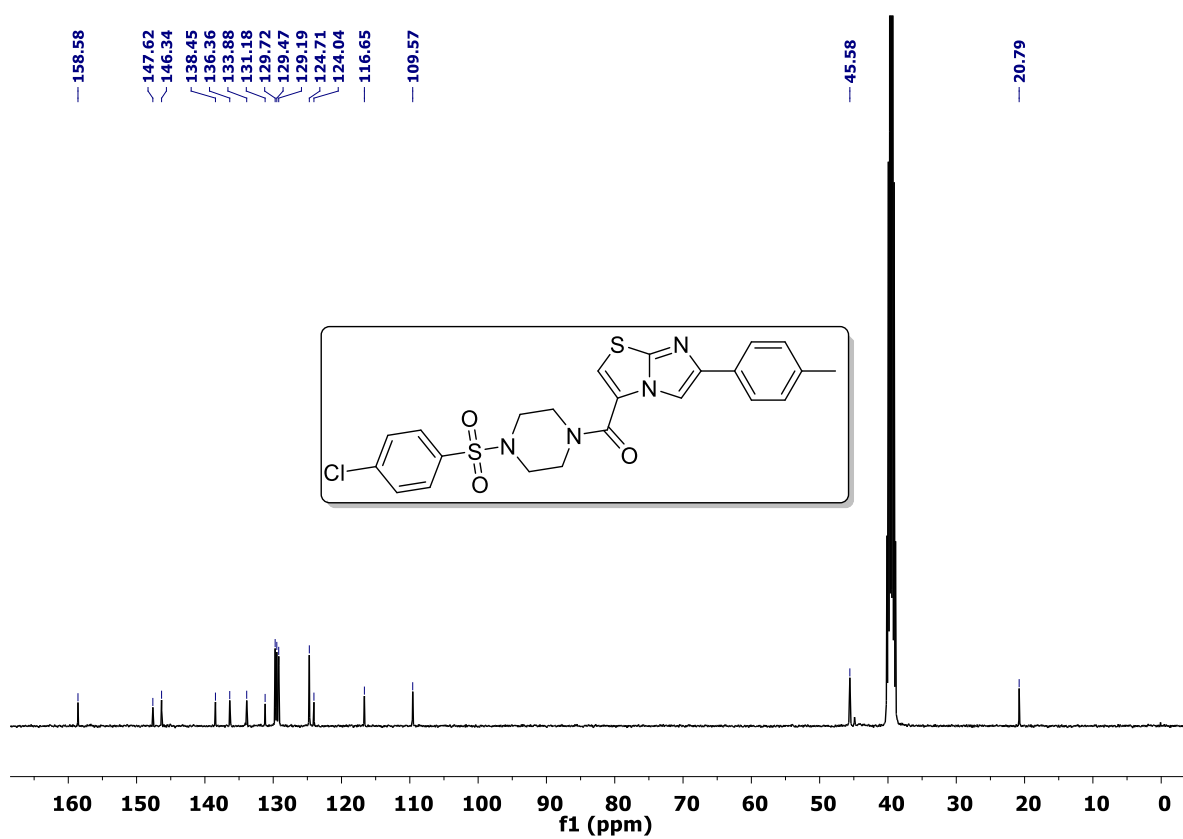
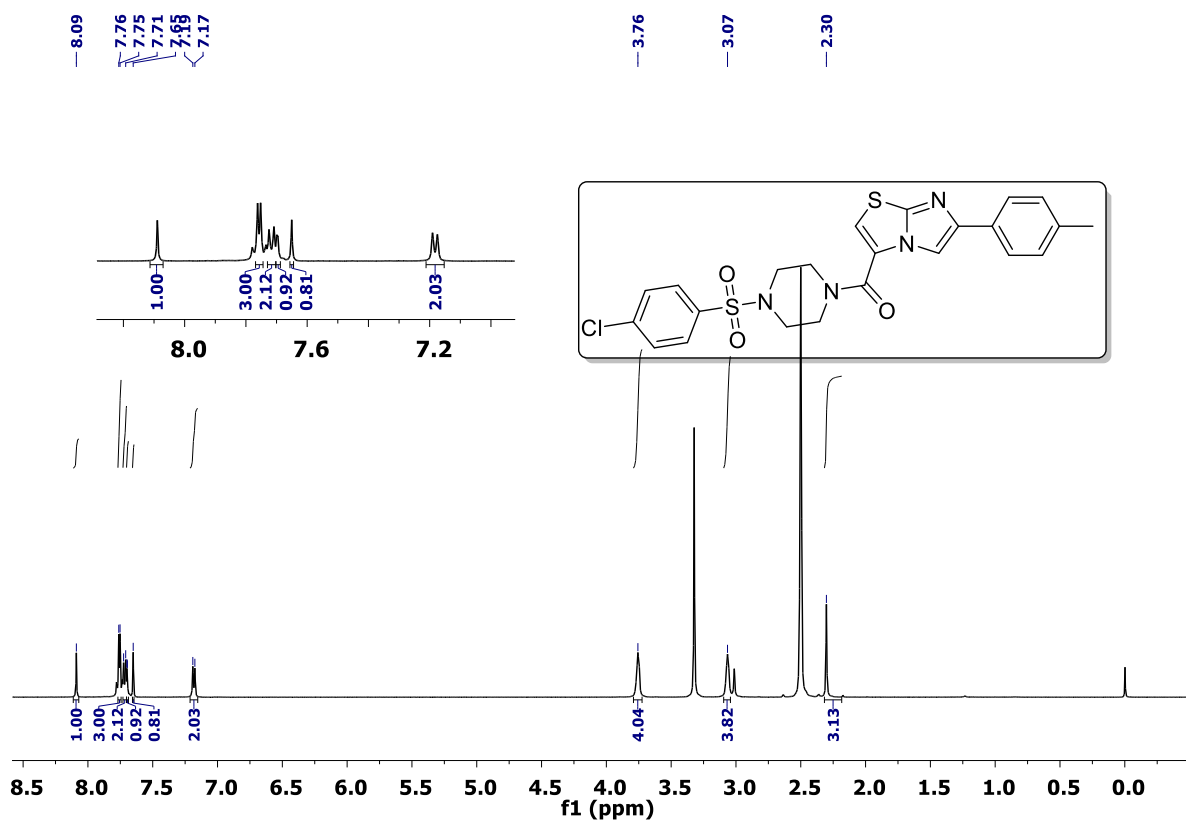


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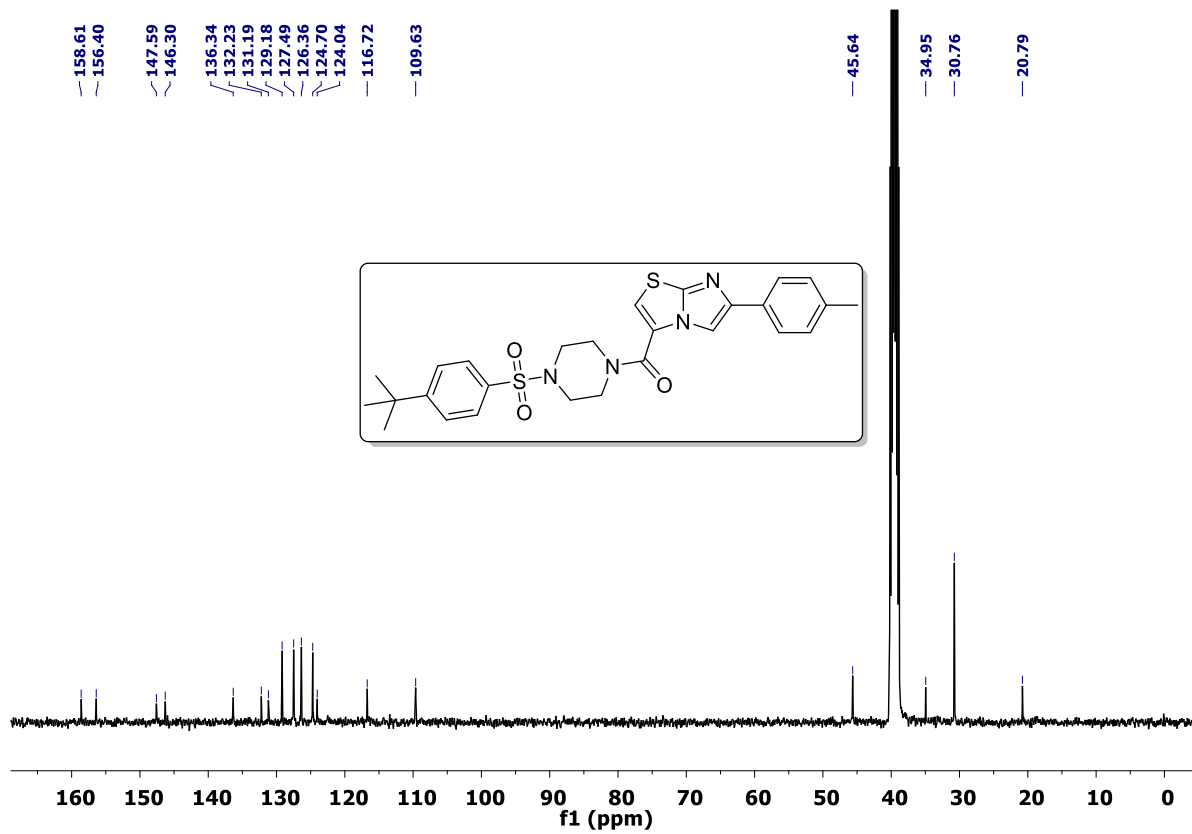
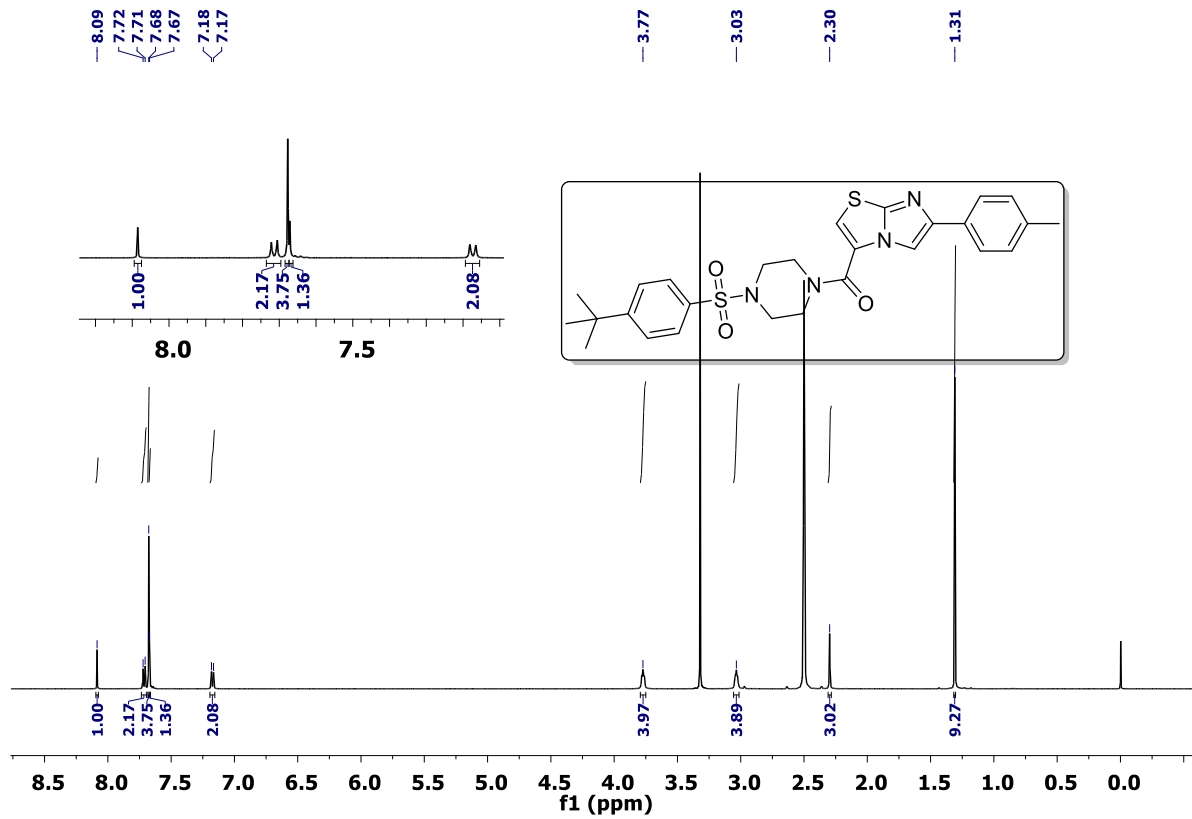




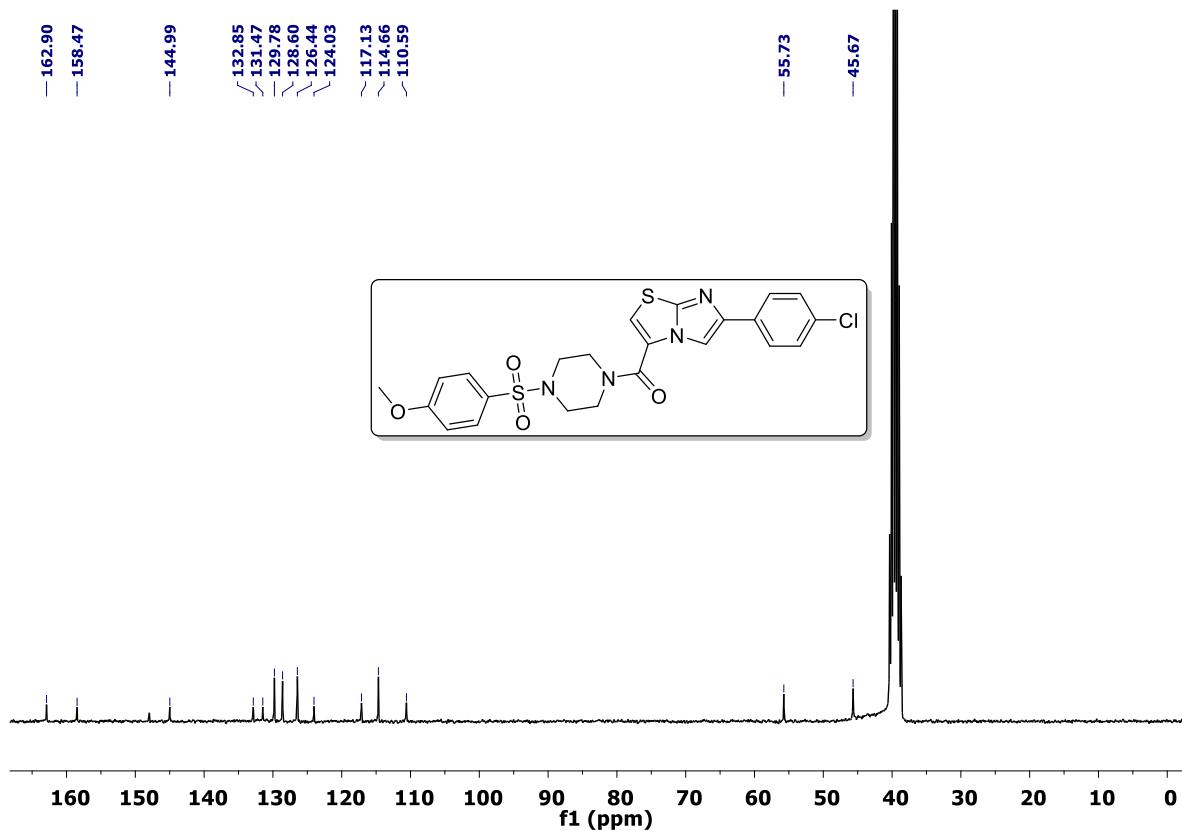
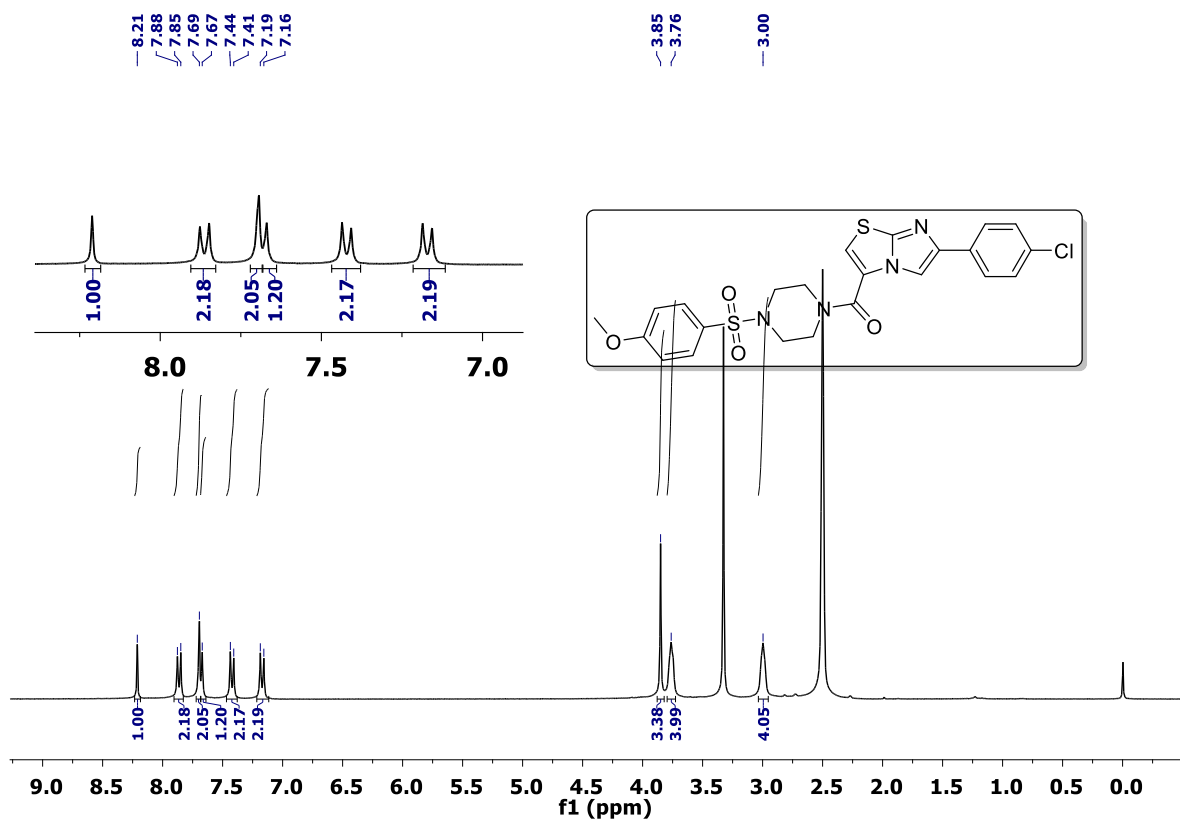
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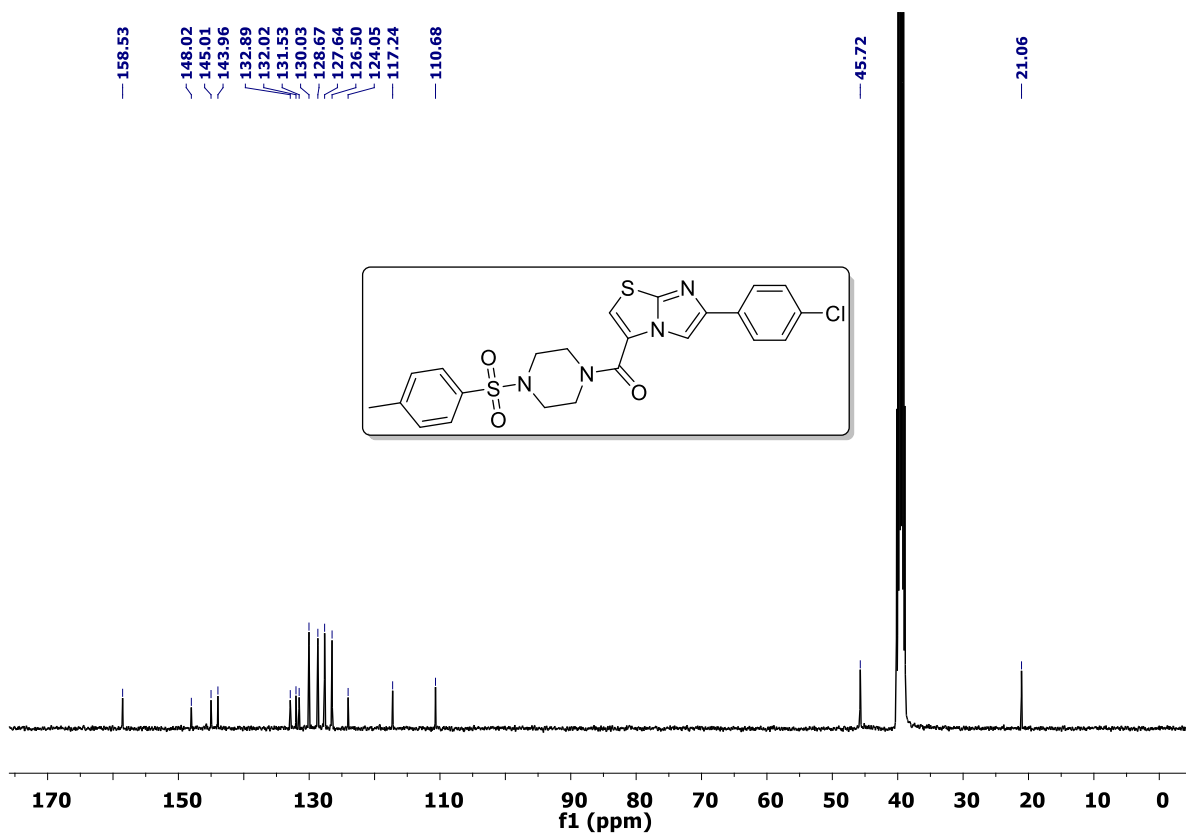
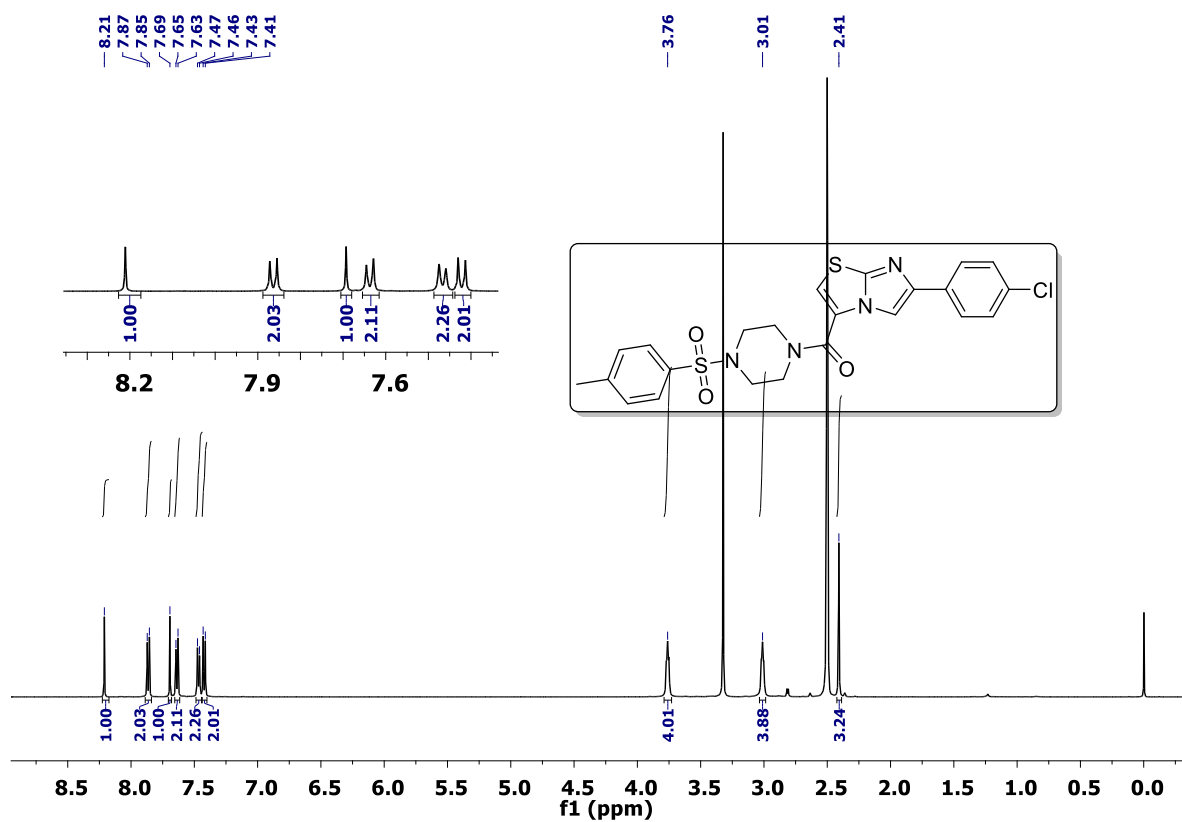
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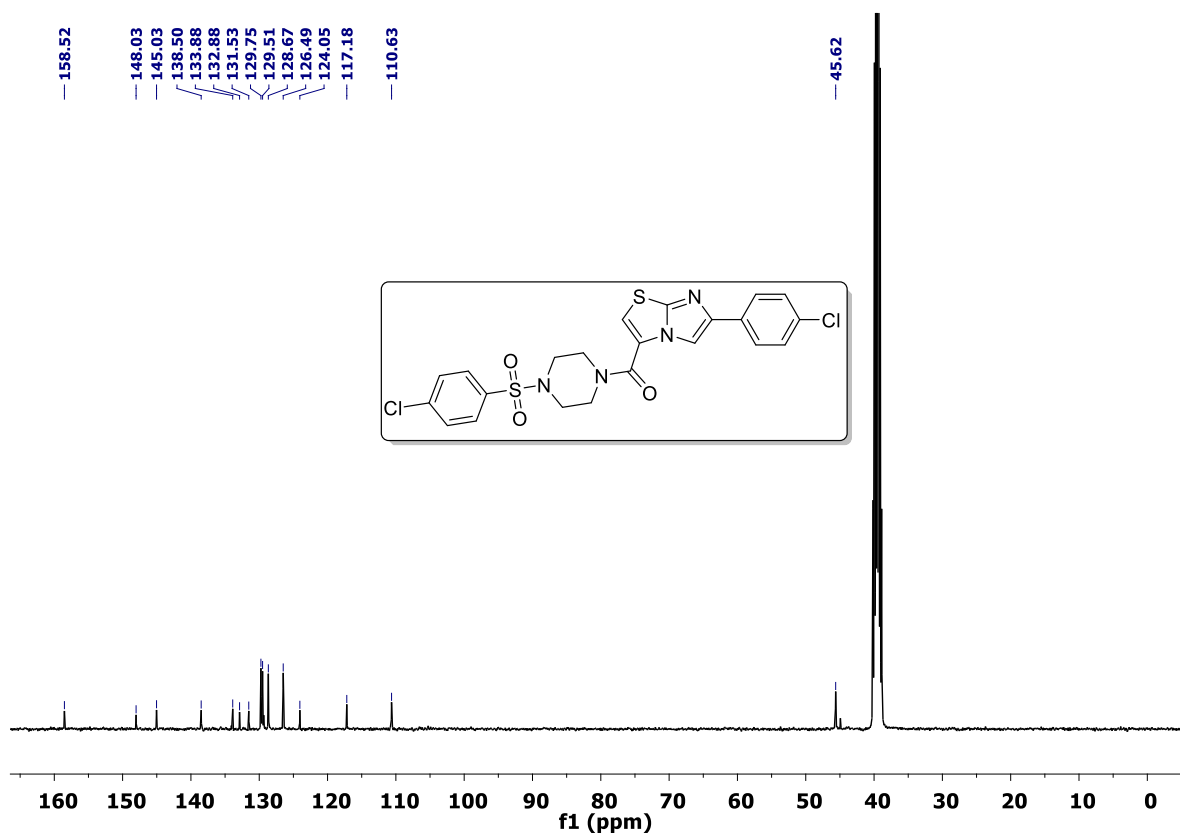
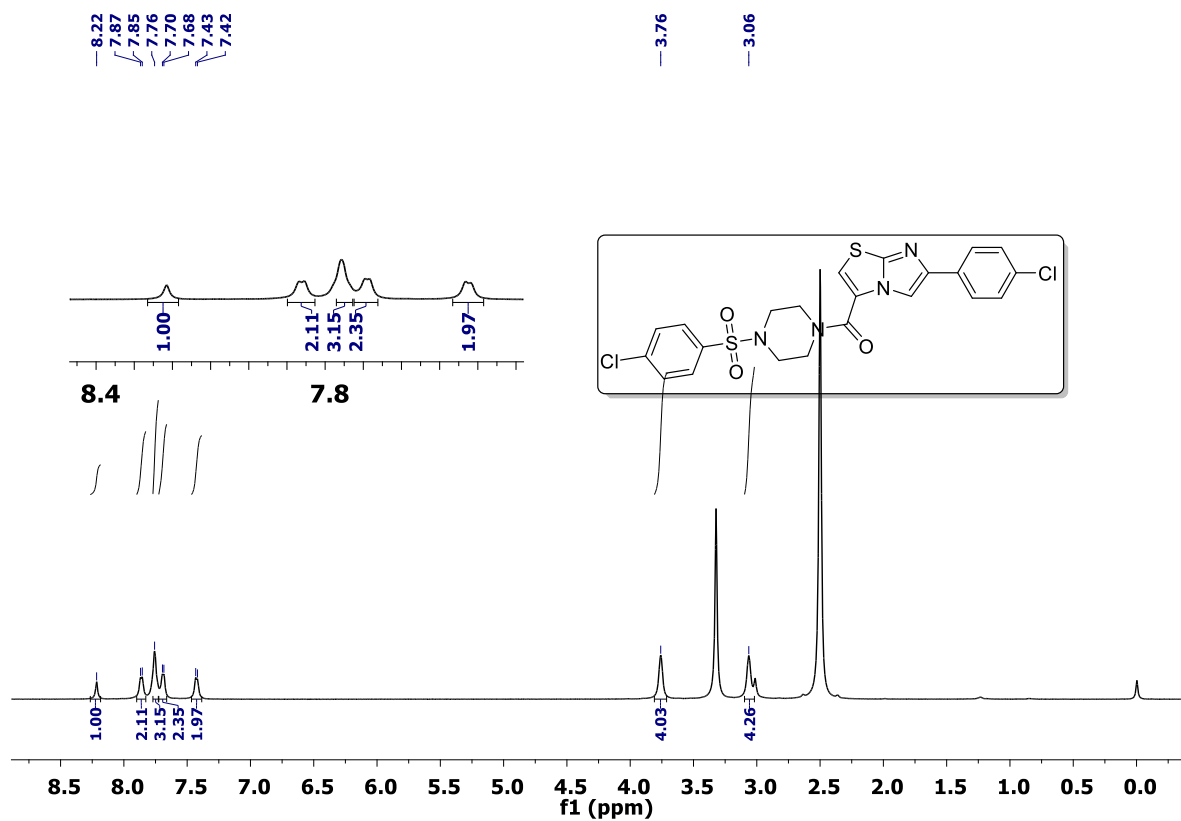
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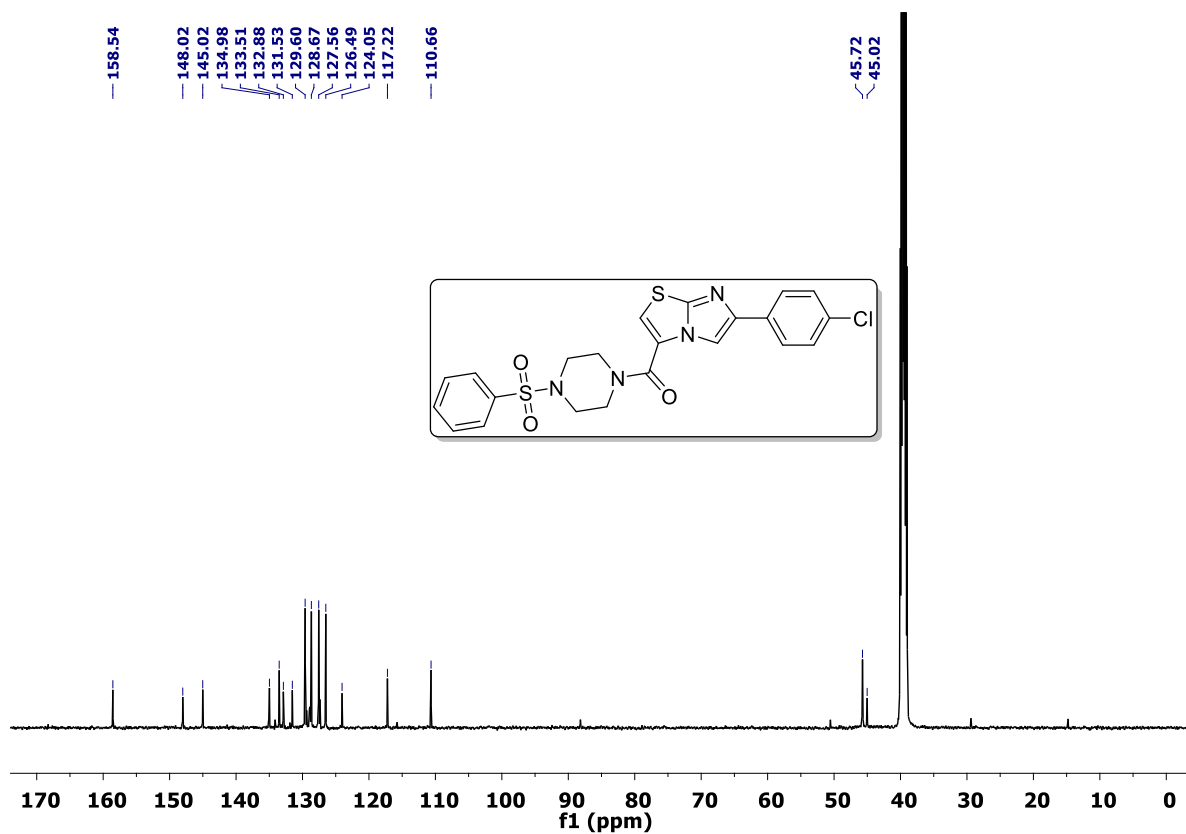
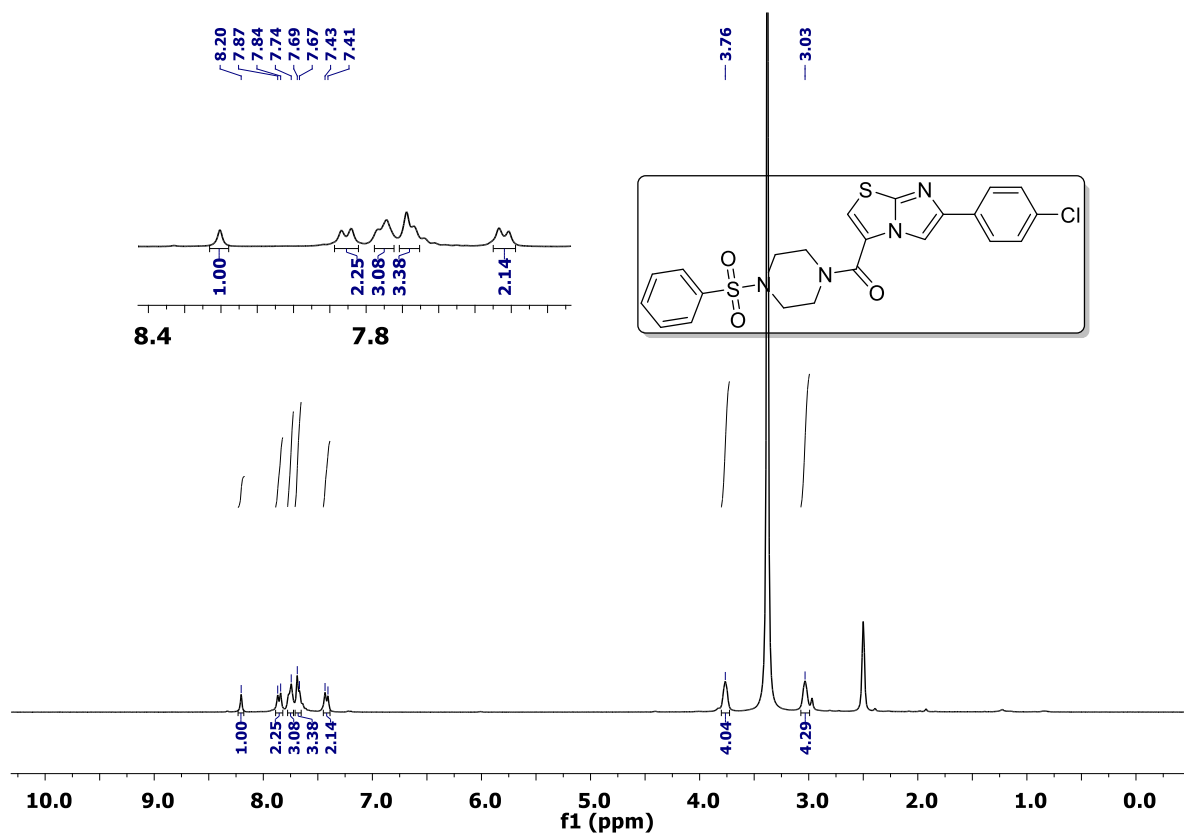
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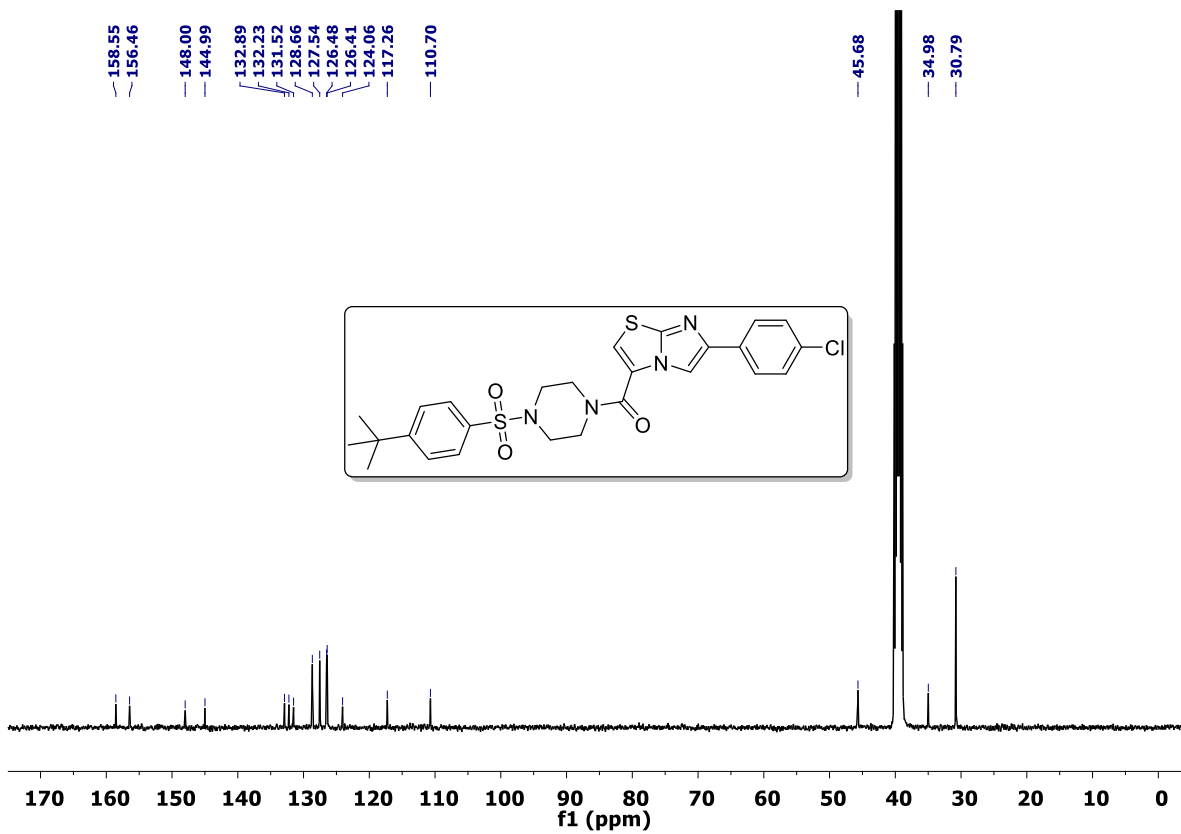
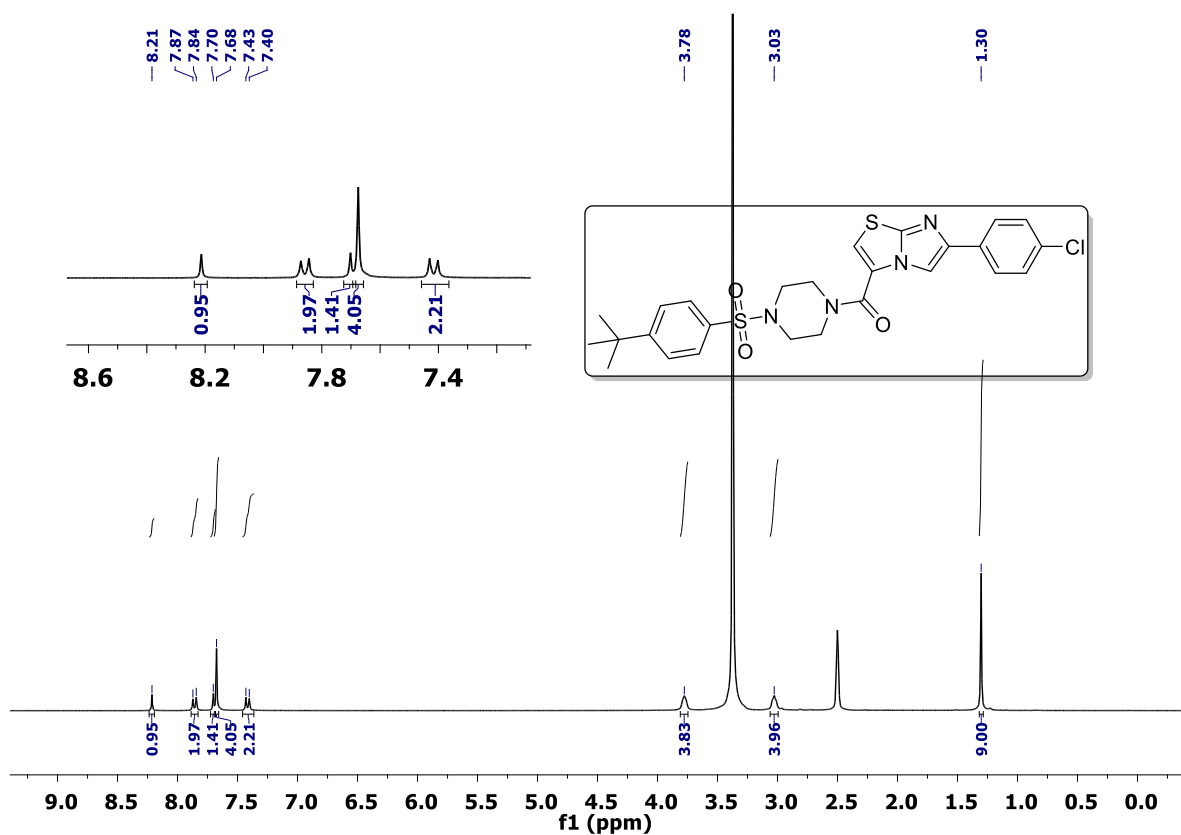
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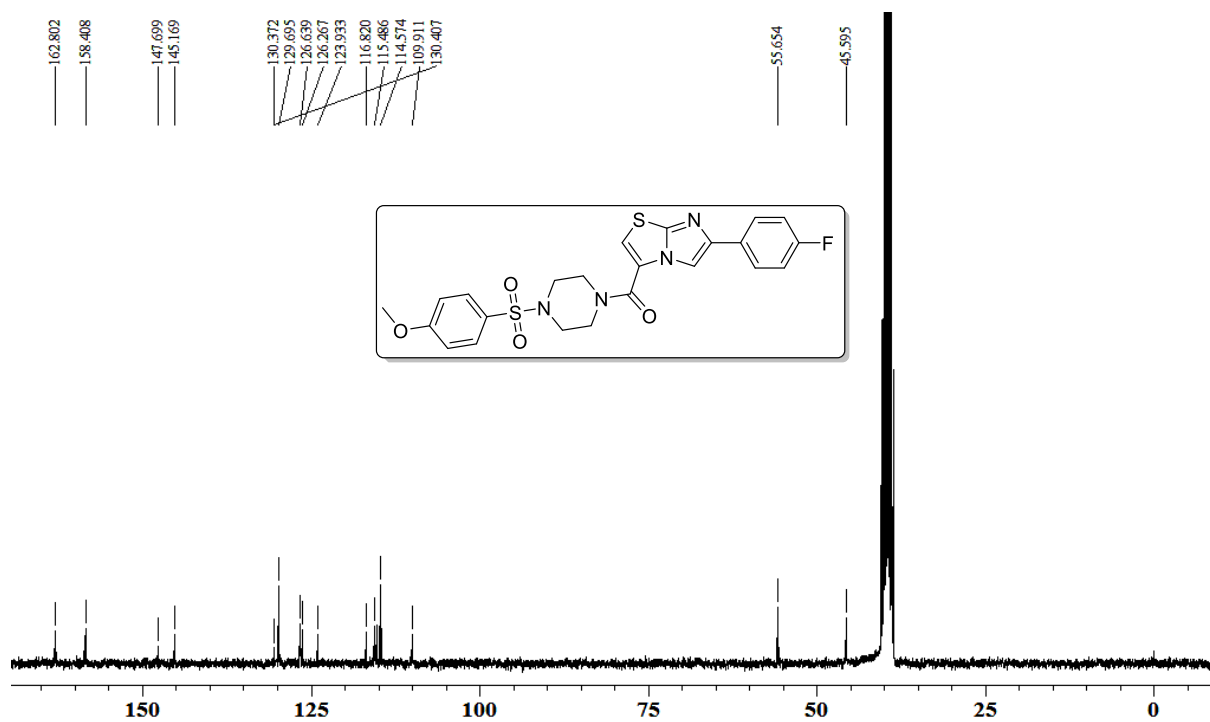
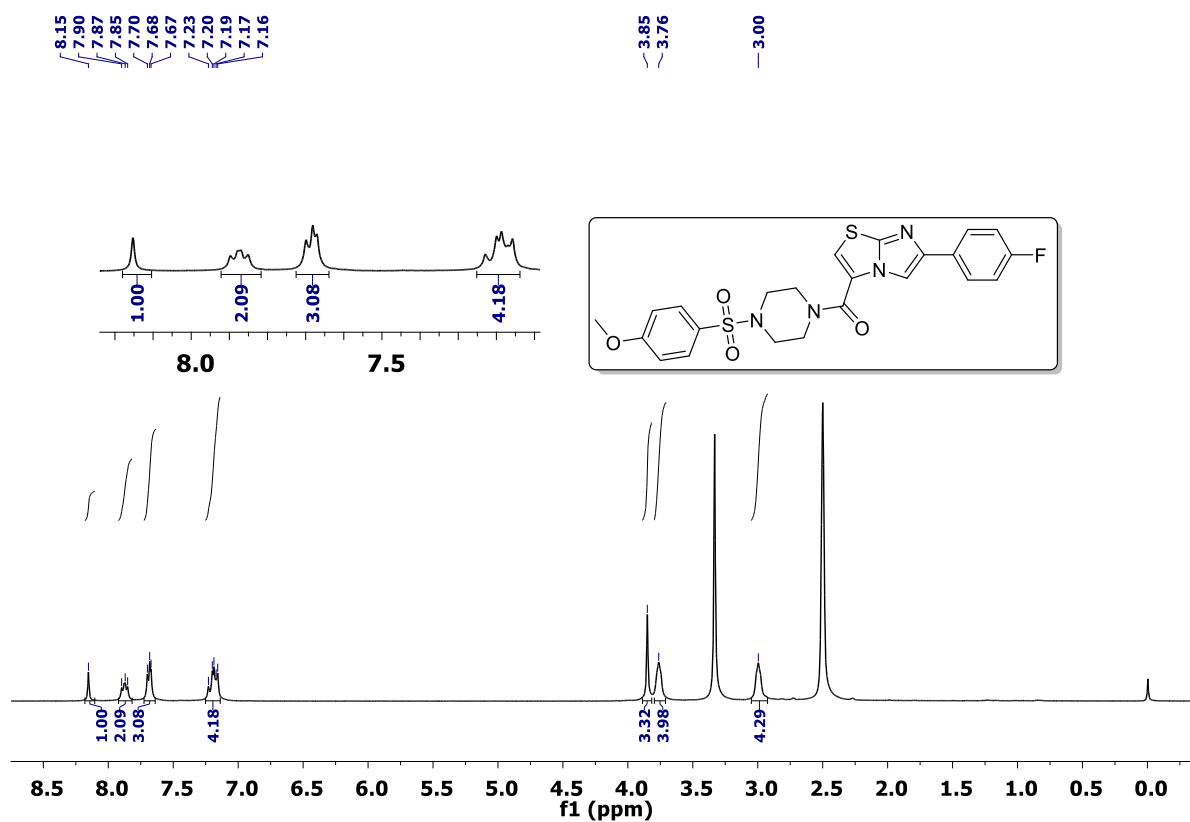
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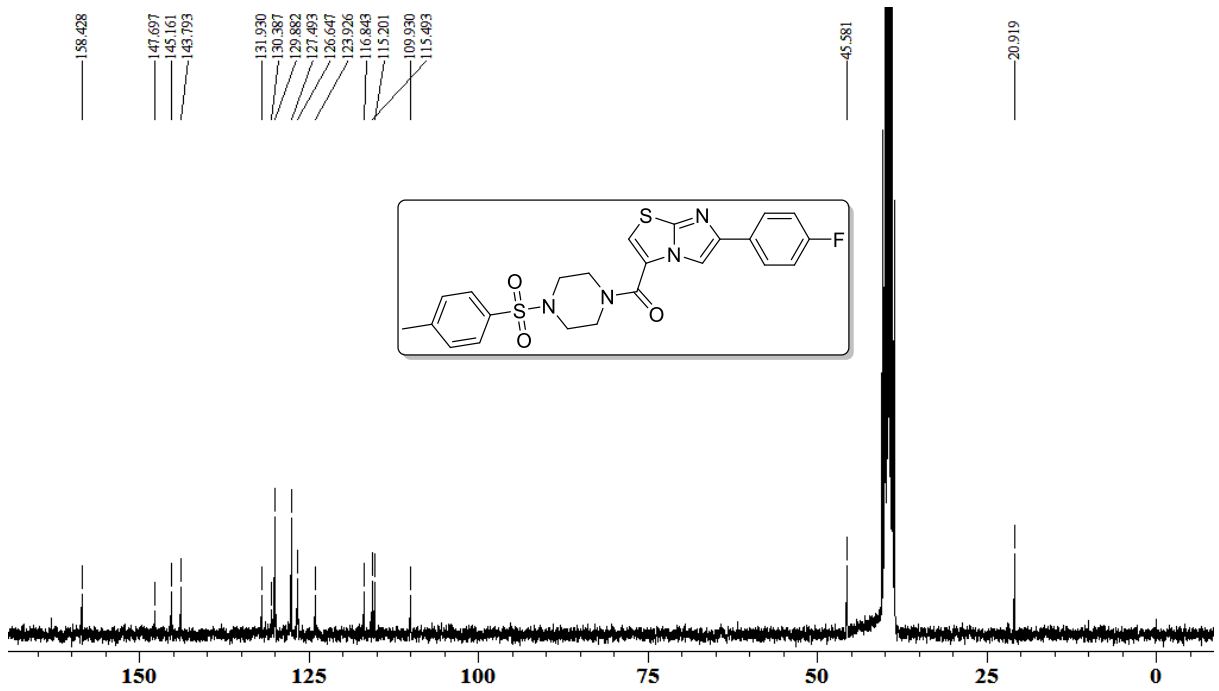
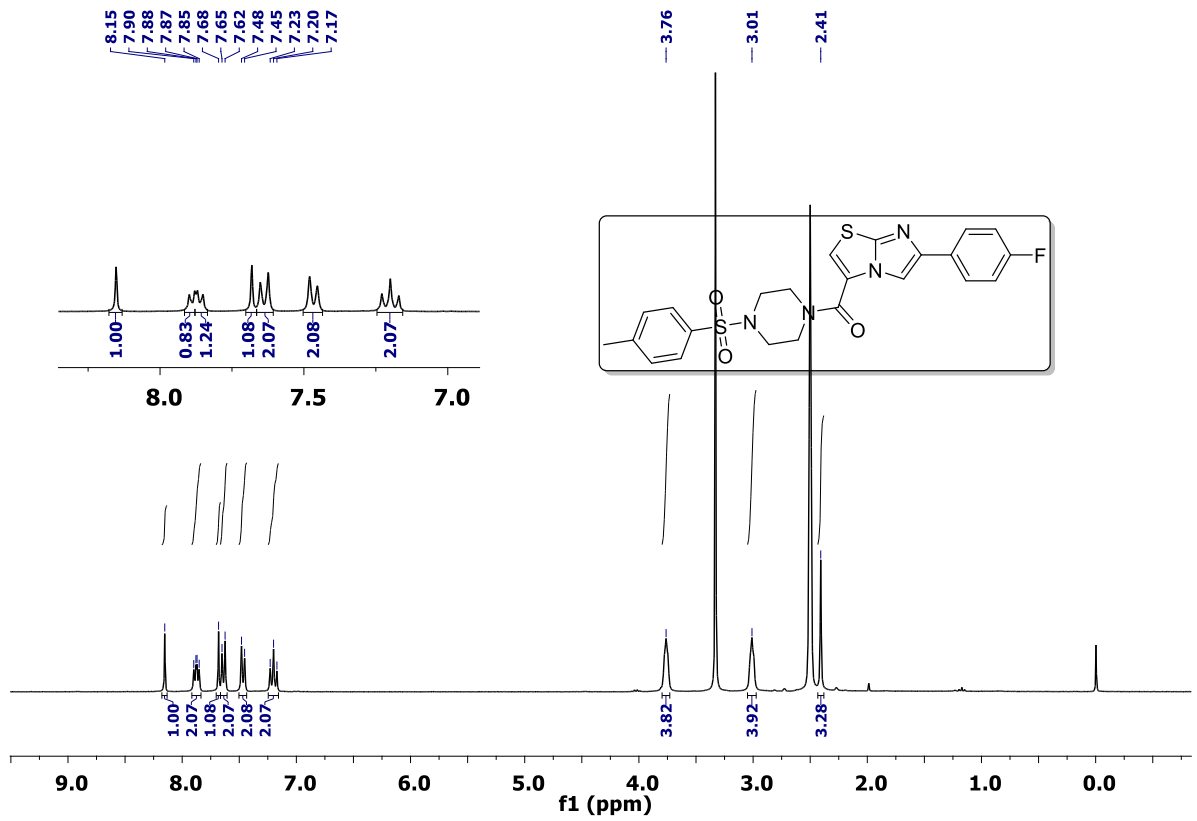


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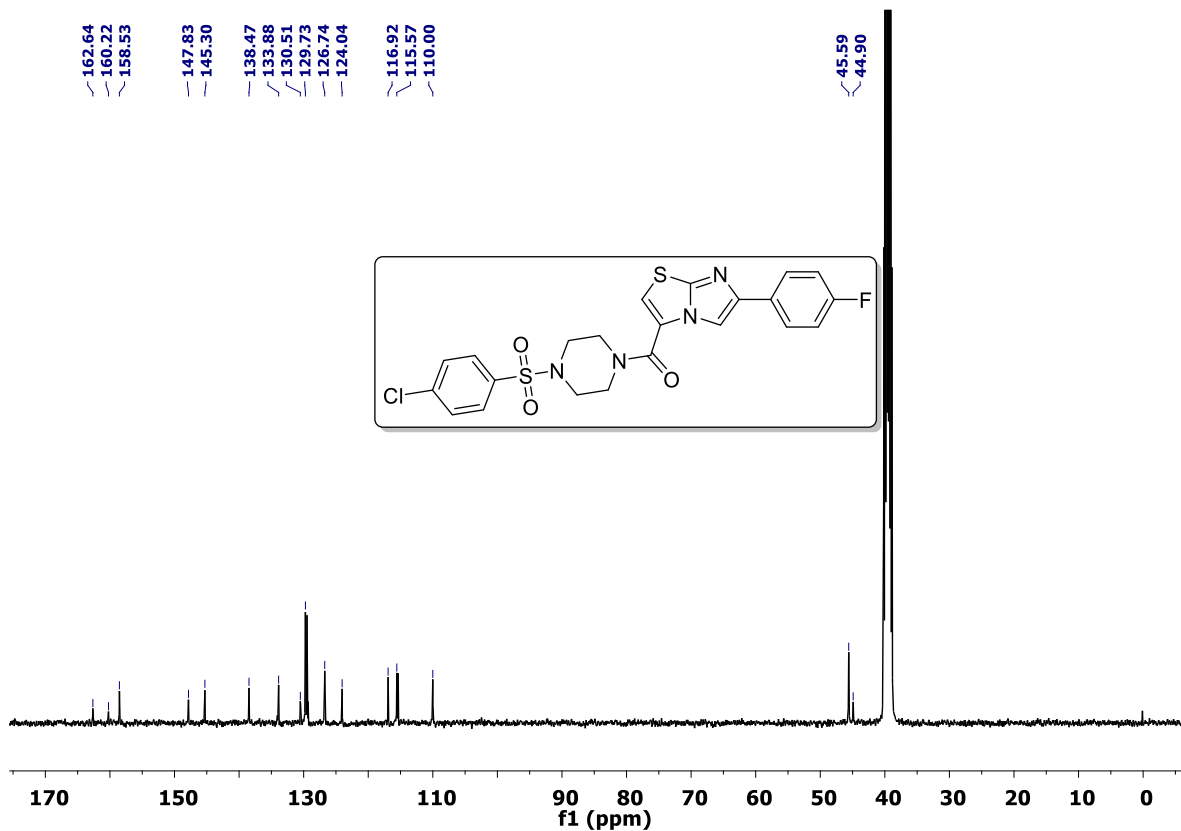
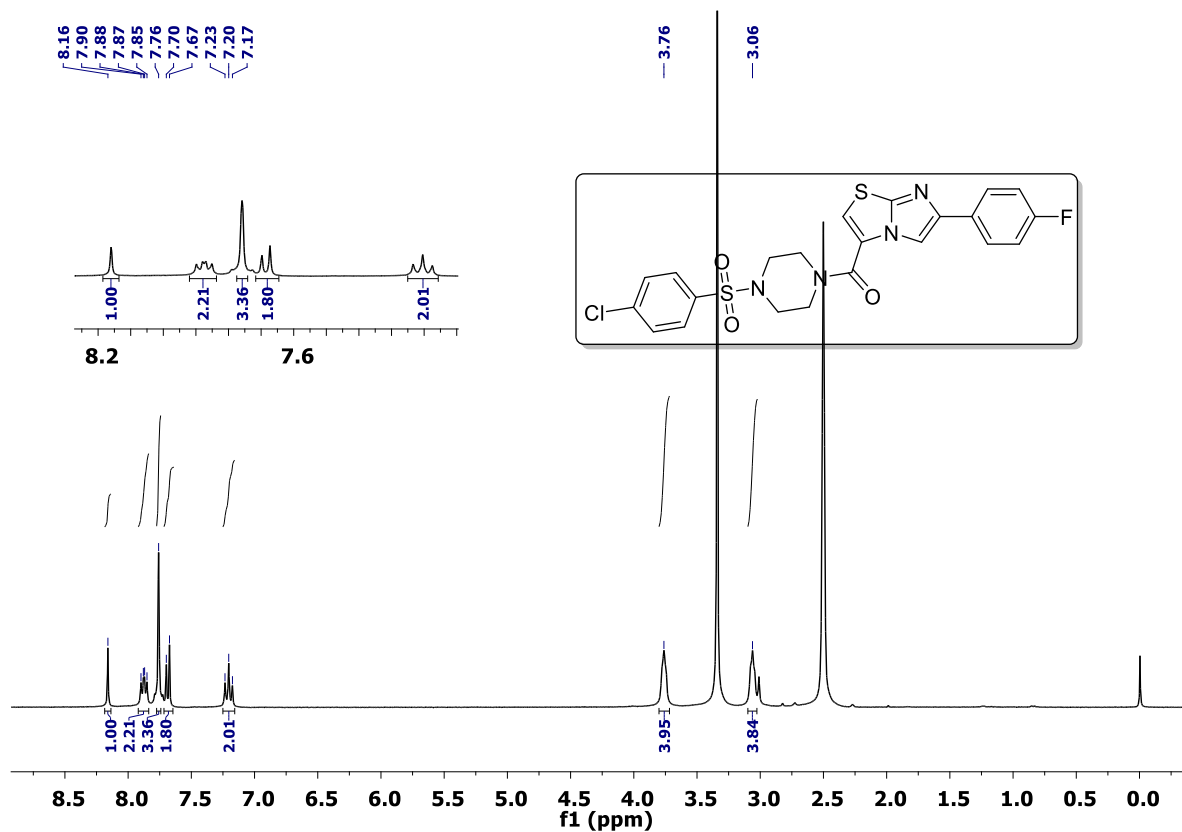




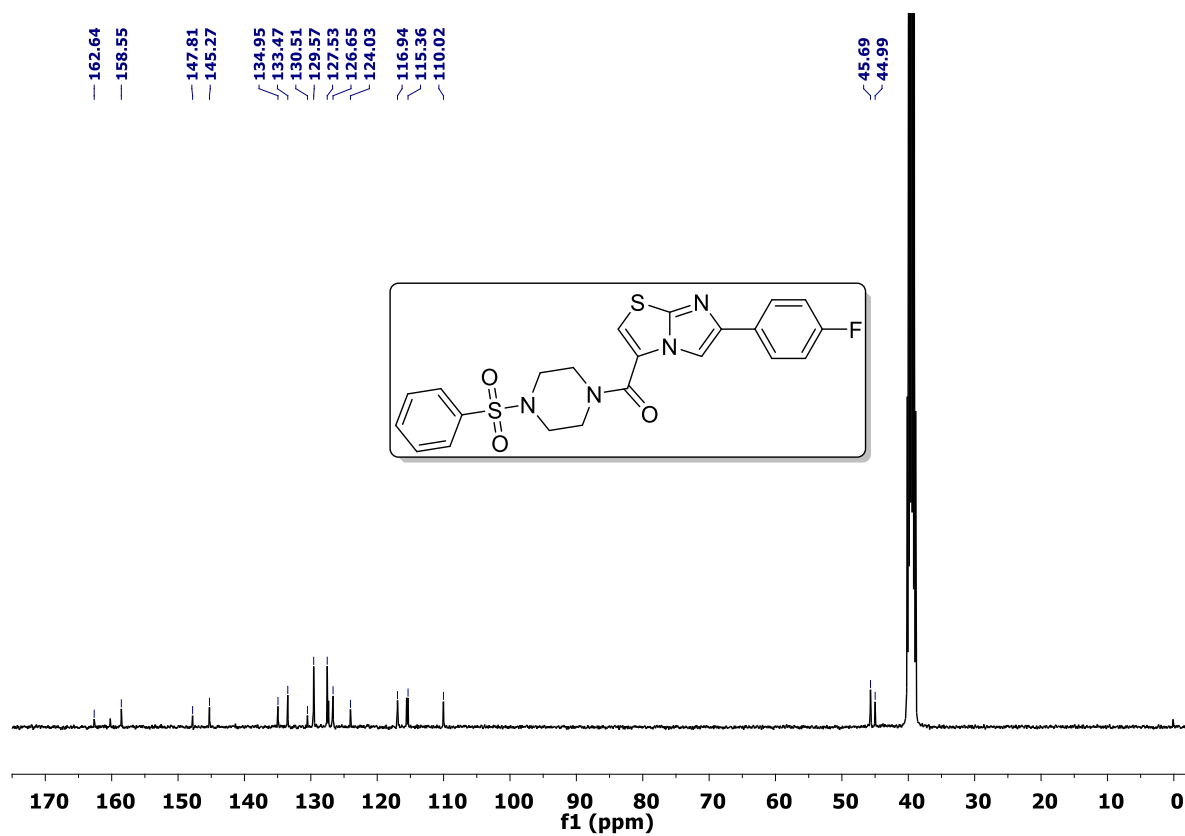
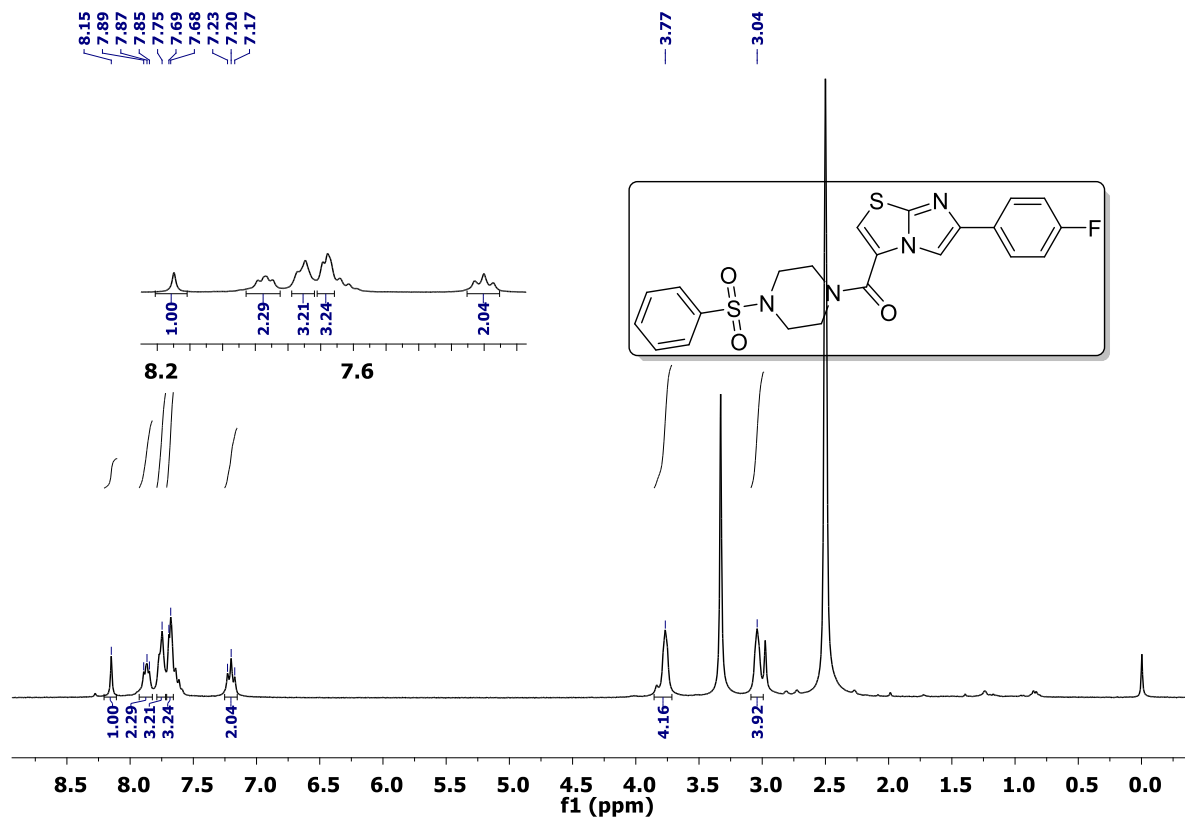
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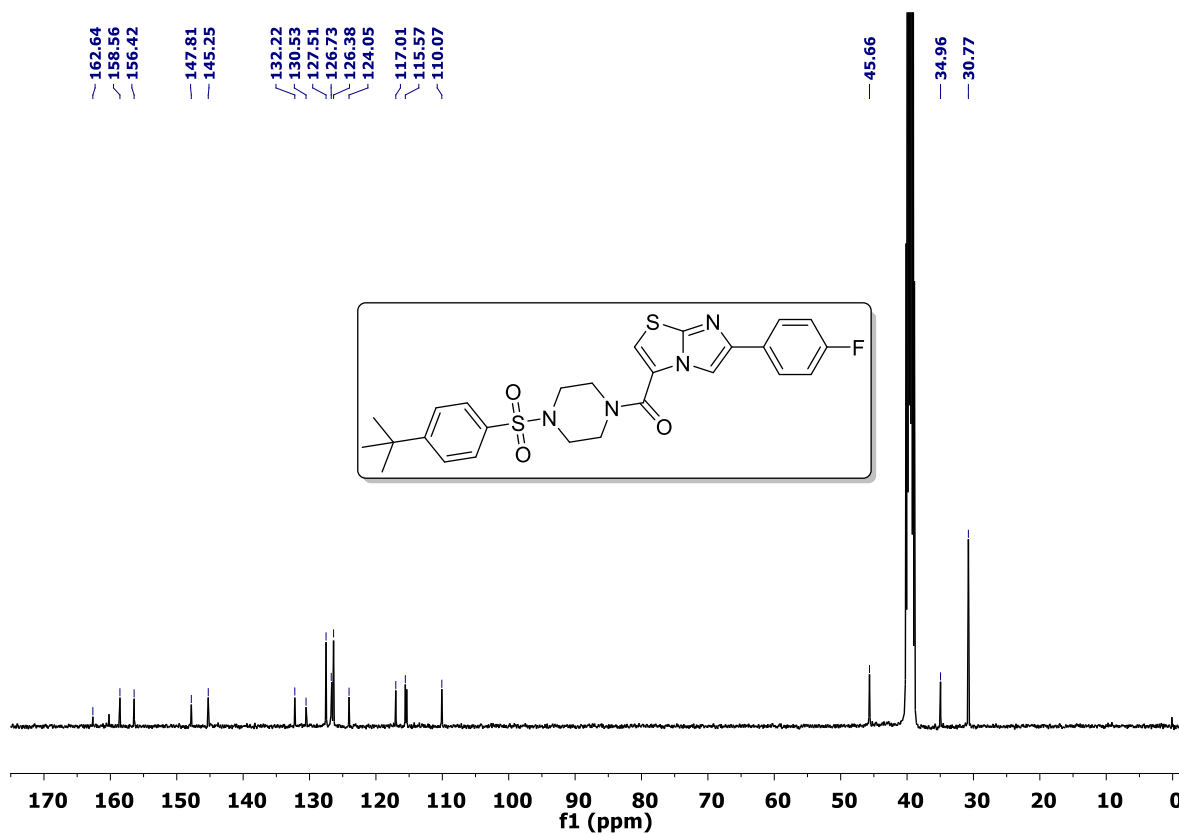
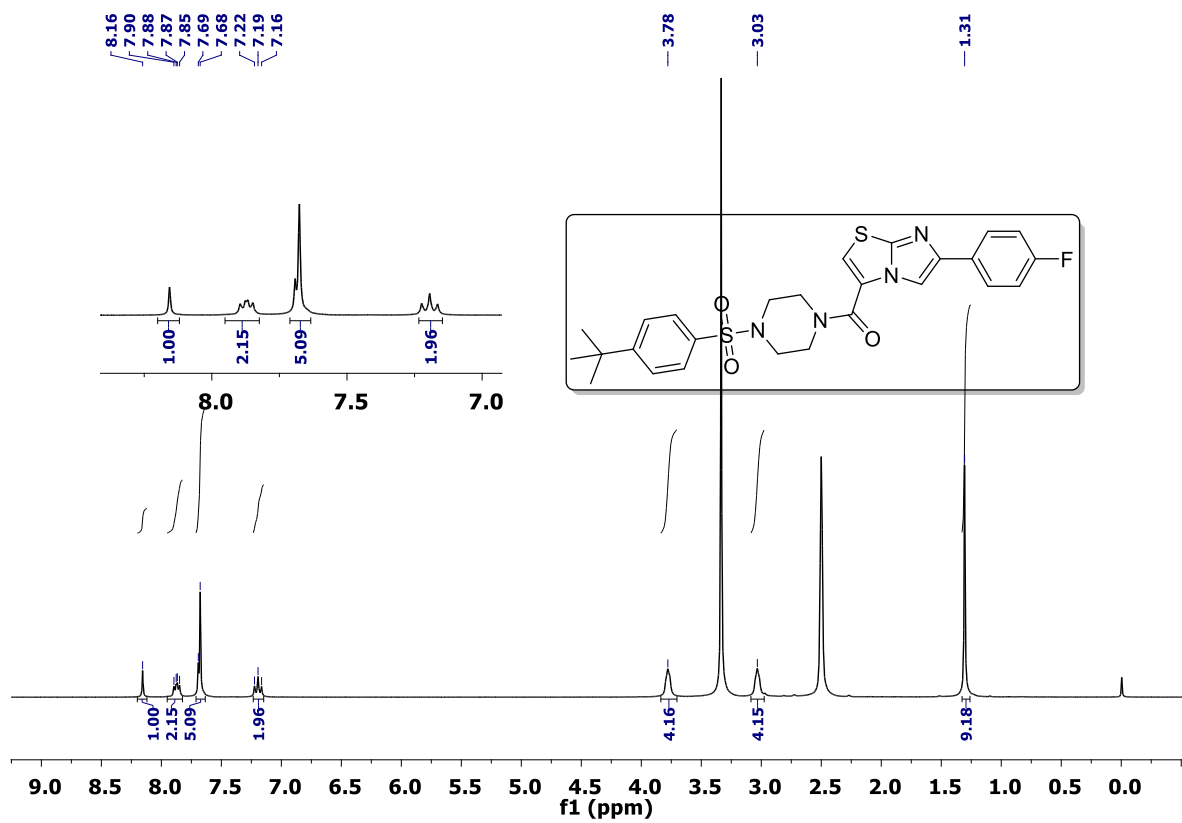
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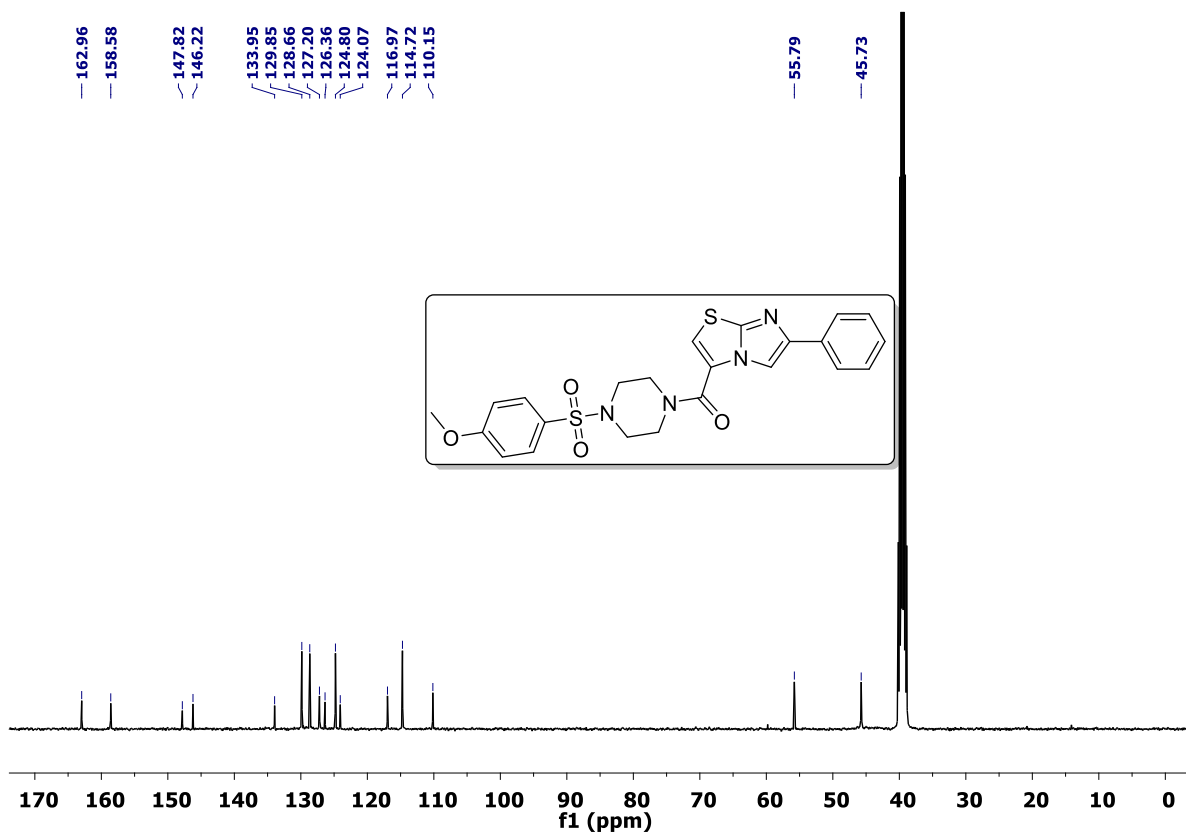
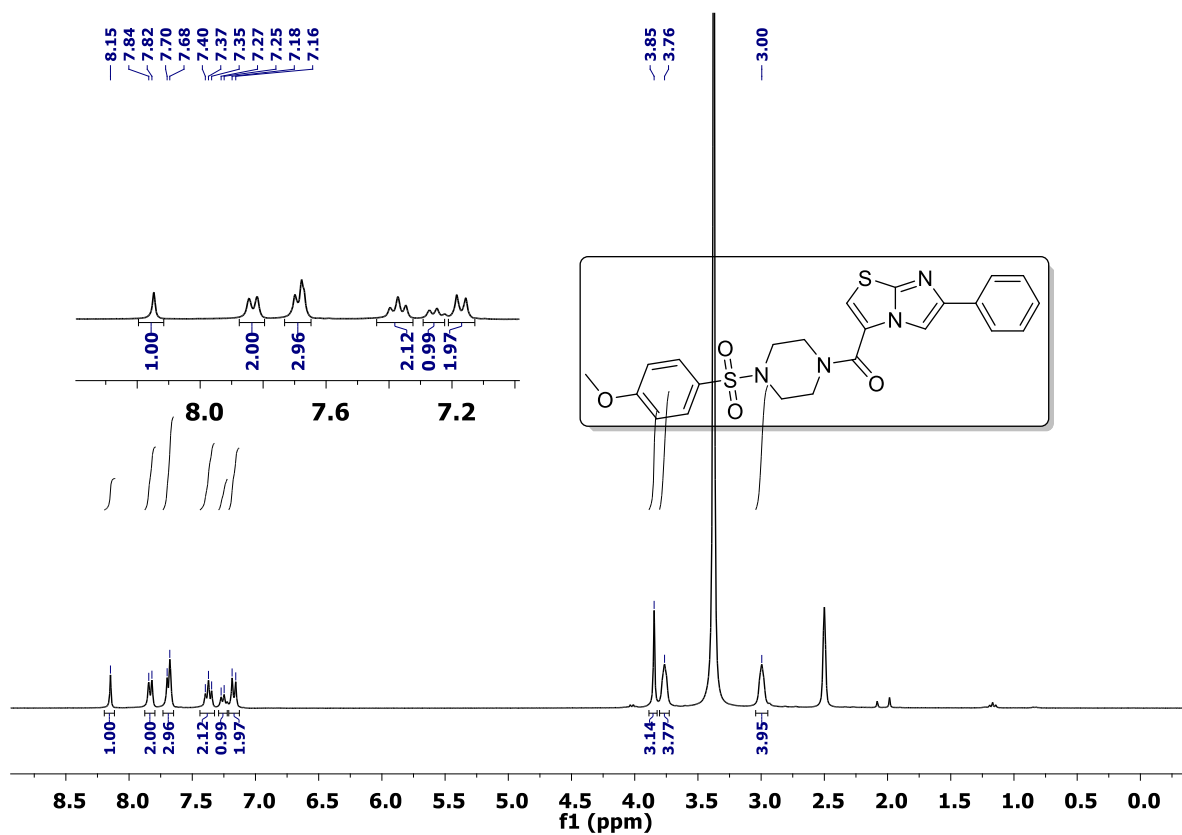
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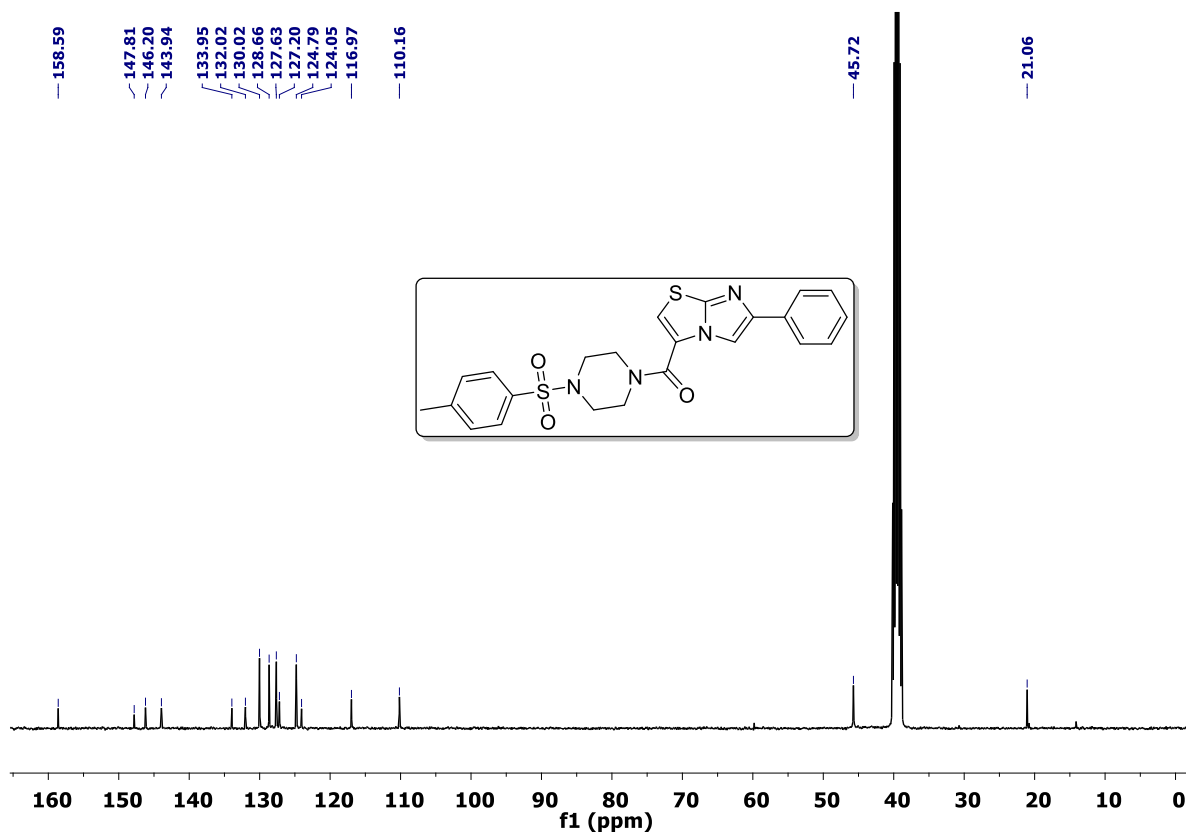
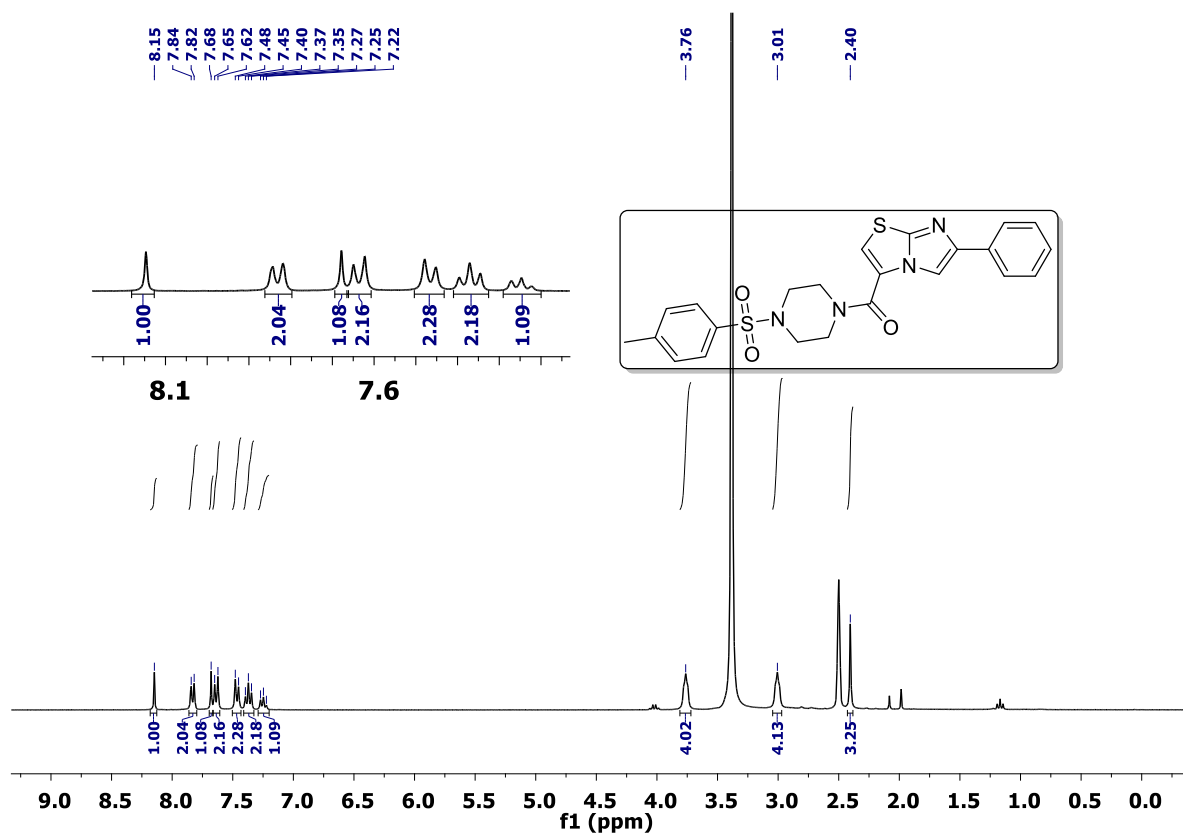
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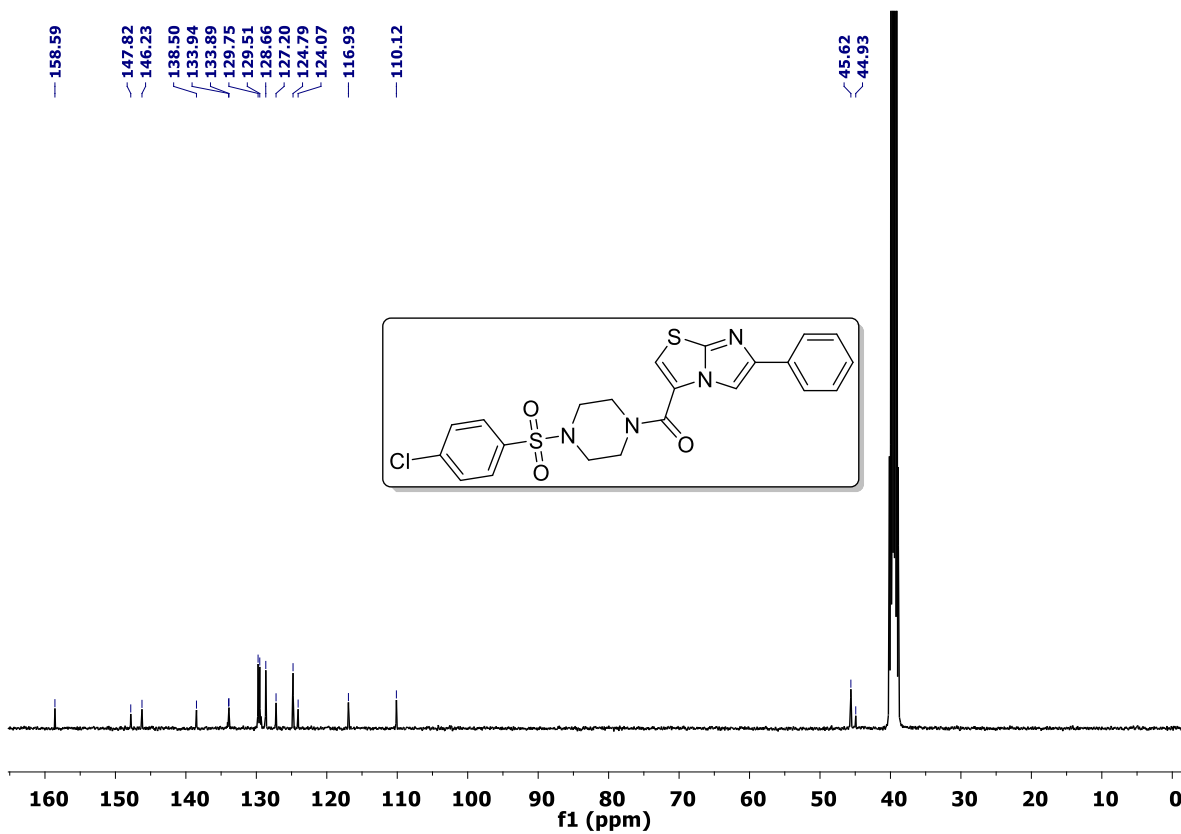
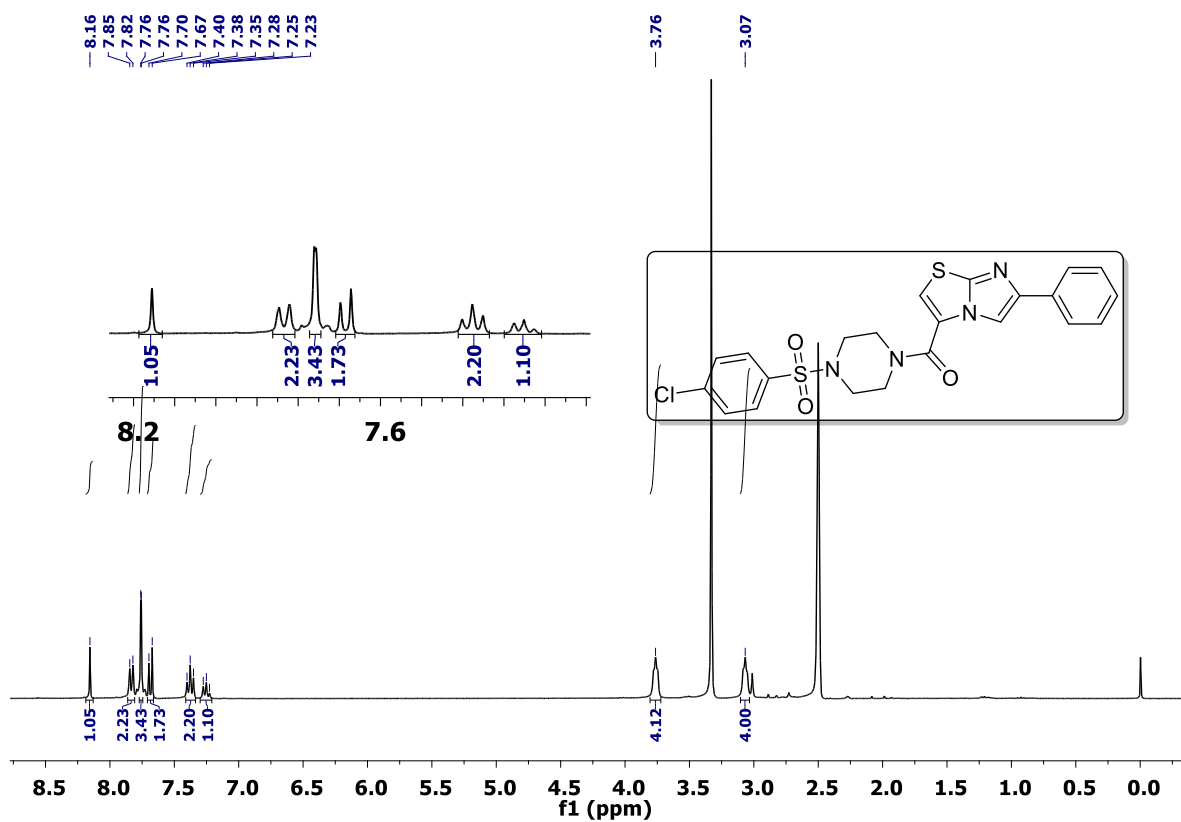
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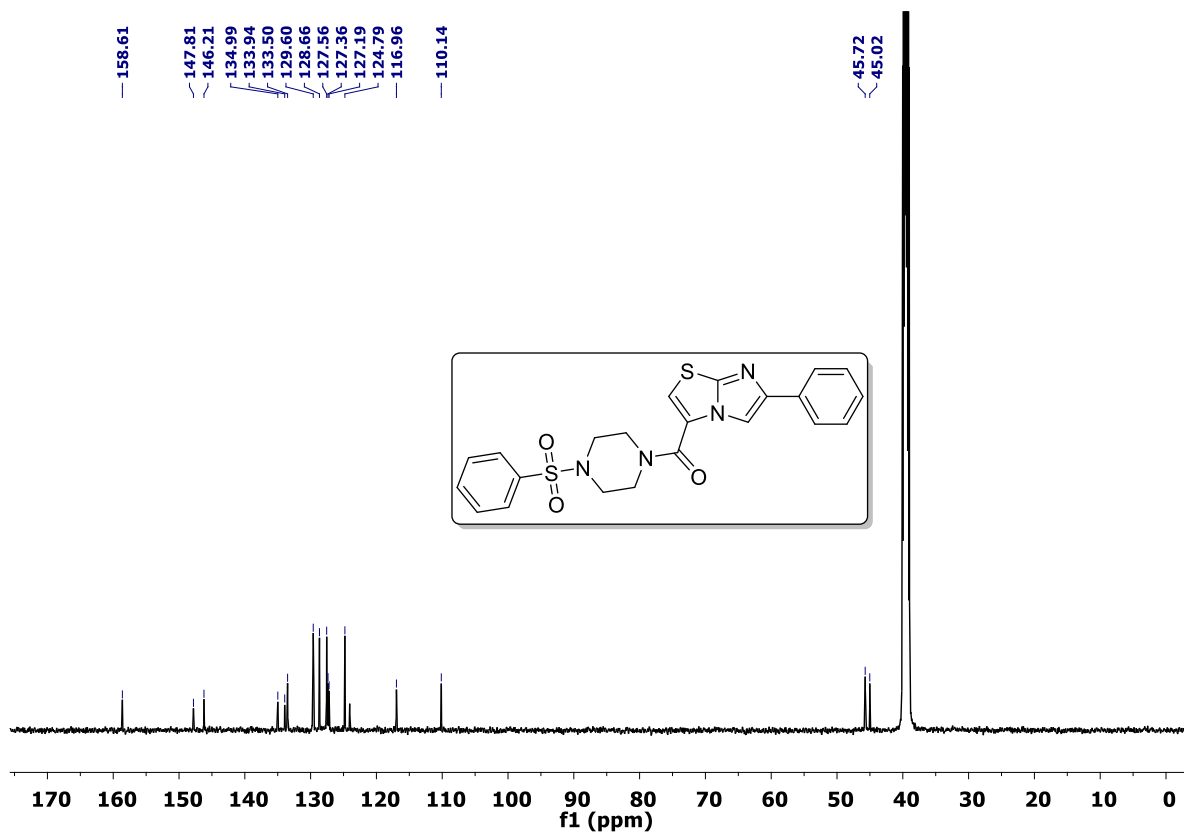
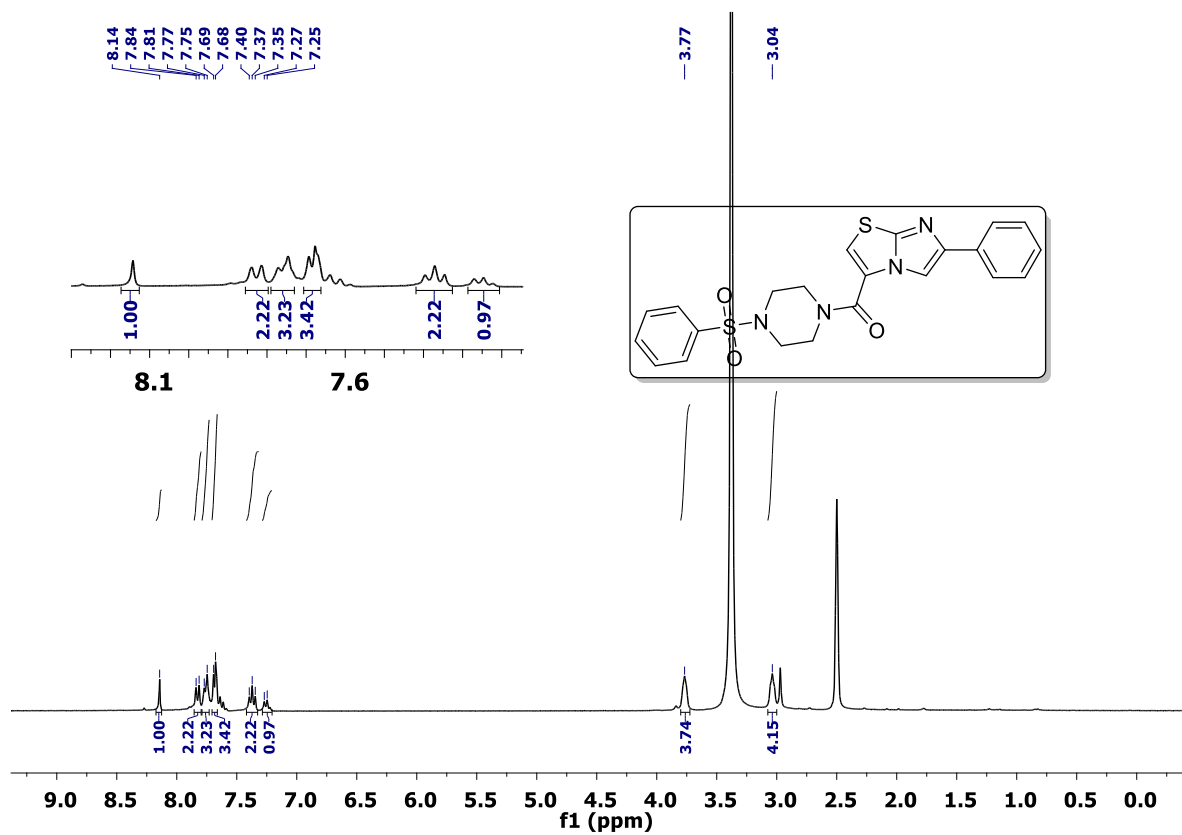
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Copy of  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra of **9ec**



Copy of  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra of **9ed**





Copy of  $^1\text{H}$  NMR and  $^{13}\text{C}$  NMR spectra of **9ee**

