

SUPPORTING INFORMATION

Design, Synthesis, Computational Studies, and Anti-proliferative Evaluation of Novel Ethacrynic Acid Derivatives Containing Nitrogen Heterocycle, Urea, and Thiourea Moieties as Anticancer Agents

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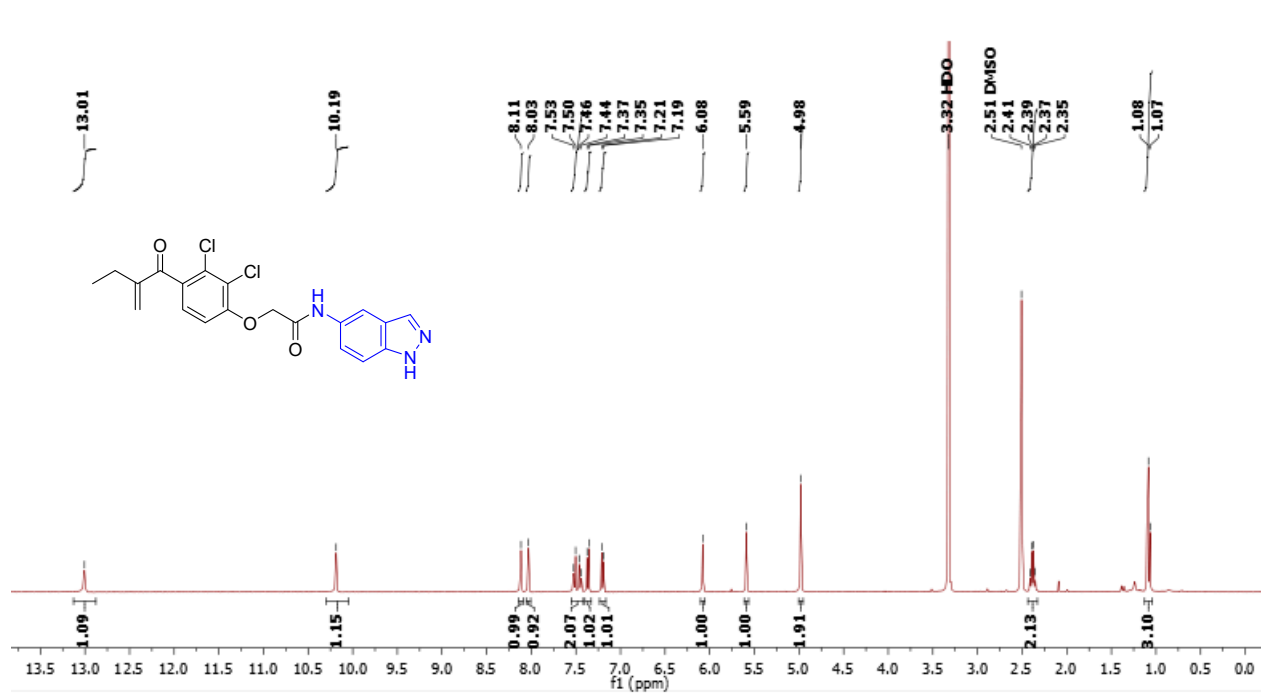
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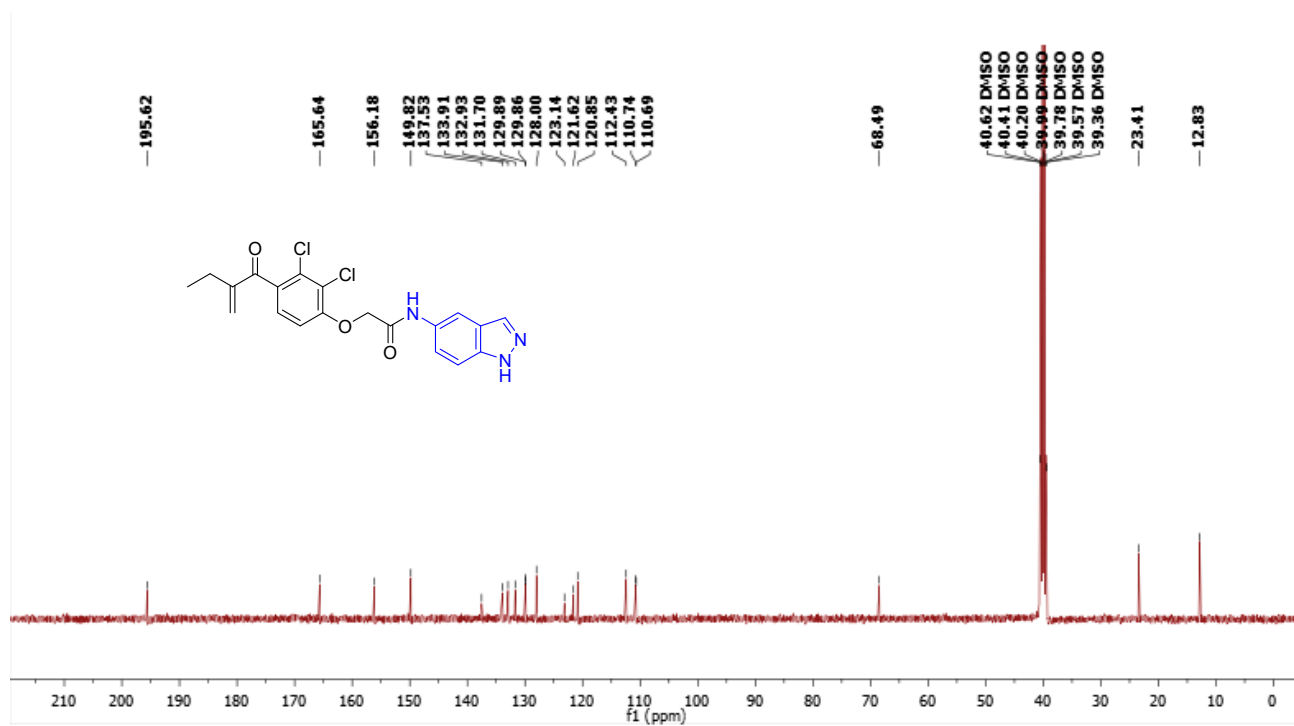
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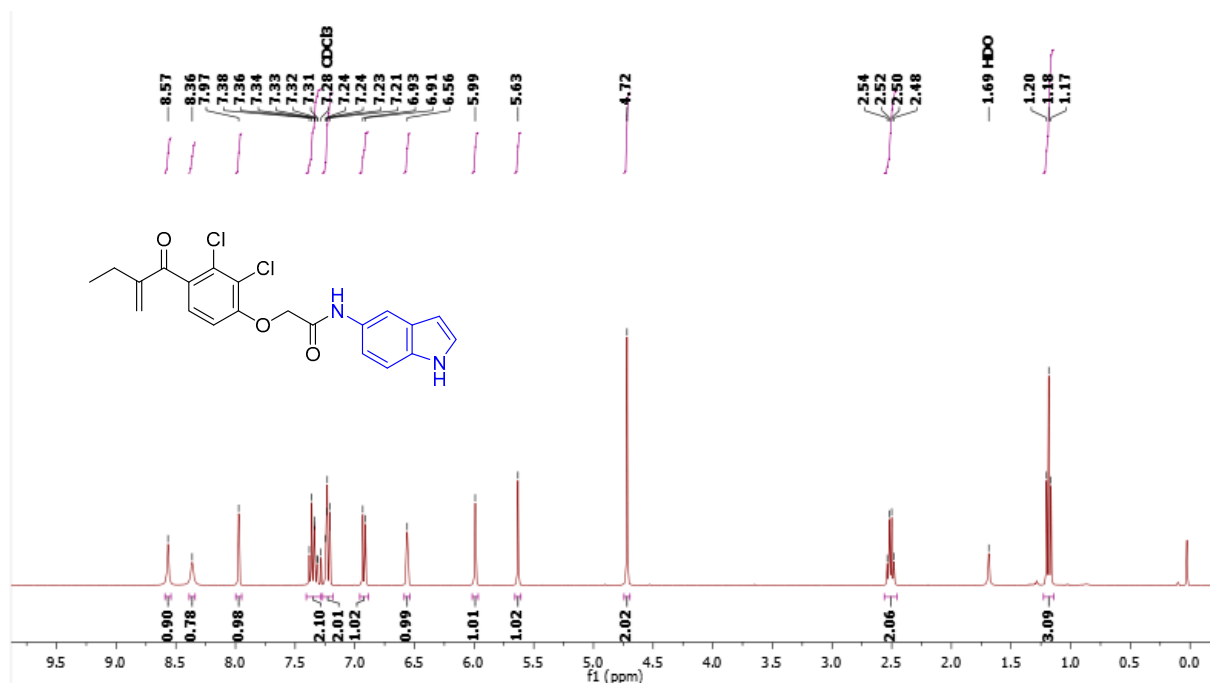
NMR (¹ H and ¹³ C) for compounds 1-10, 16-18, 22, 23 and 24	2-19
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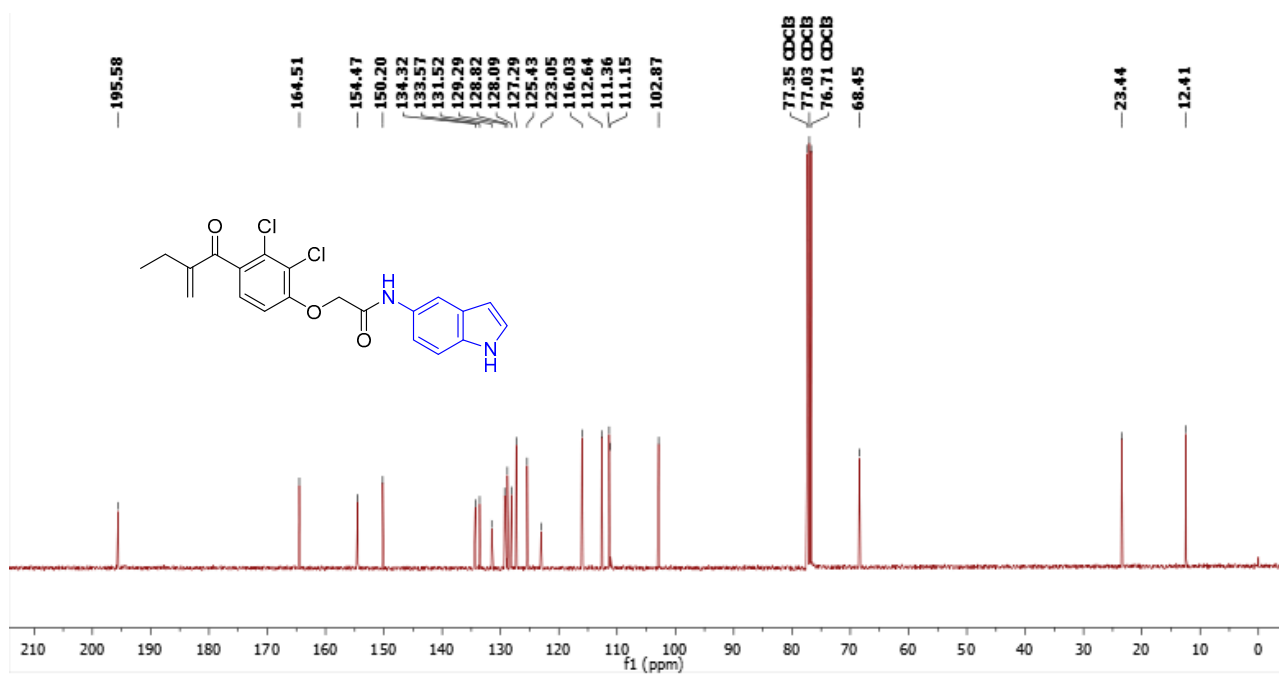
¹H NMR spectrum (400 MHz, DMSO) of compound 1



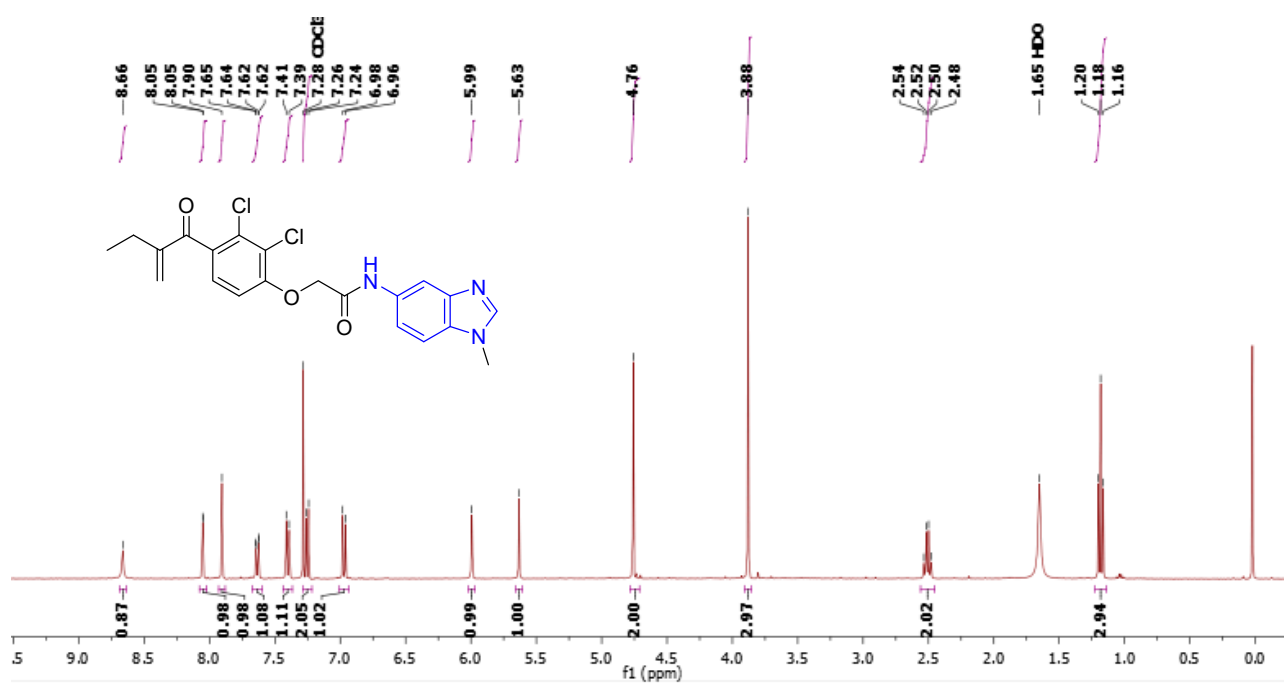
¹³C NMR spectrum (101 MHz, DMSO) of compound 1



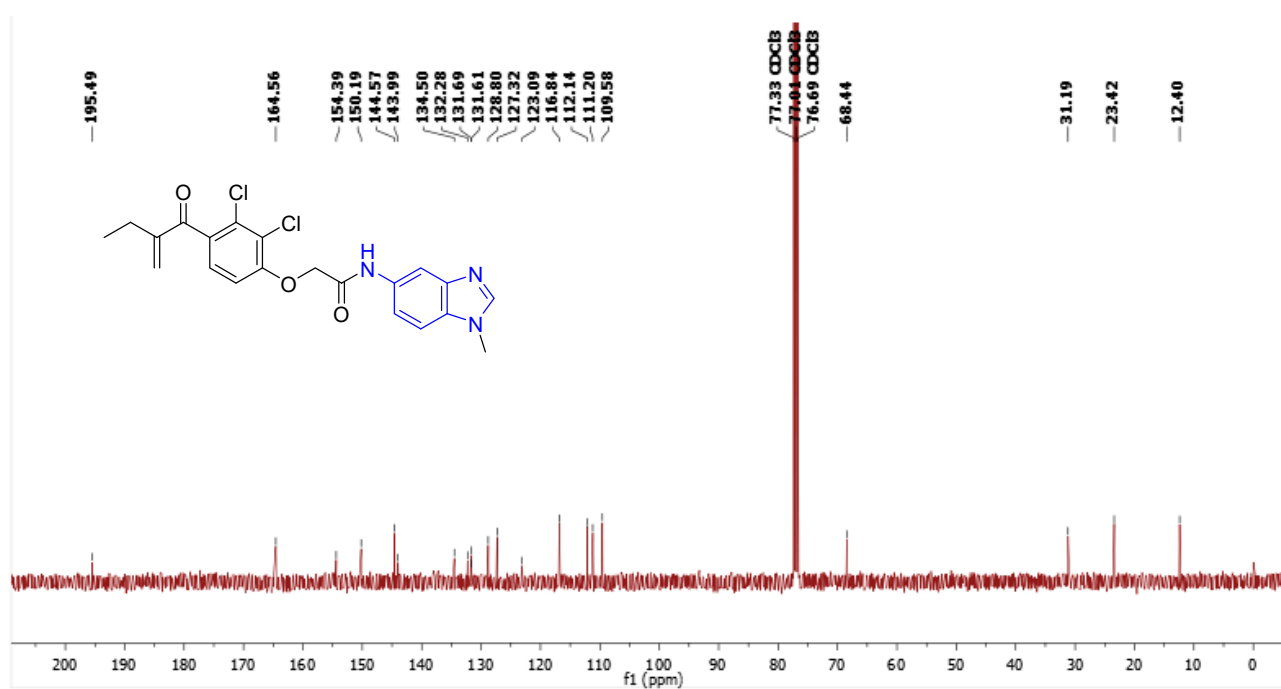
¹H NMR spectrum (400 MHz, CDCl₃) of compound 2



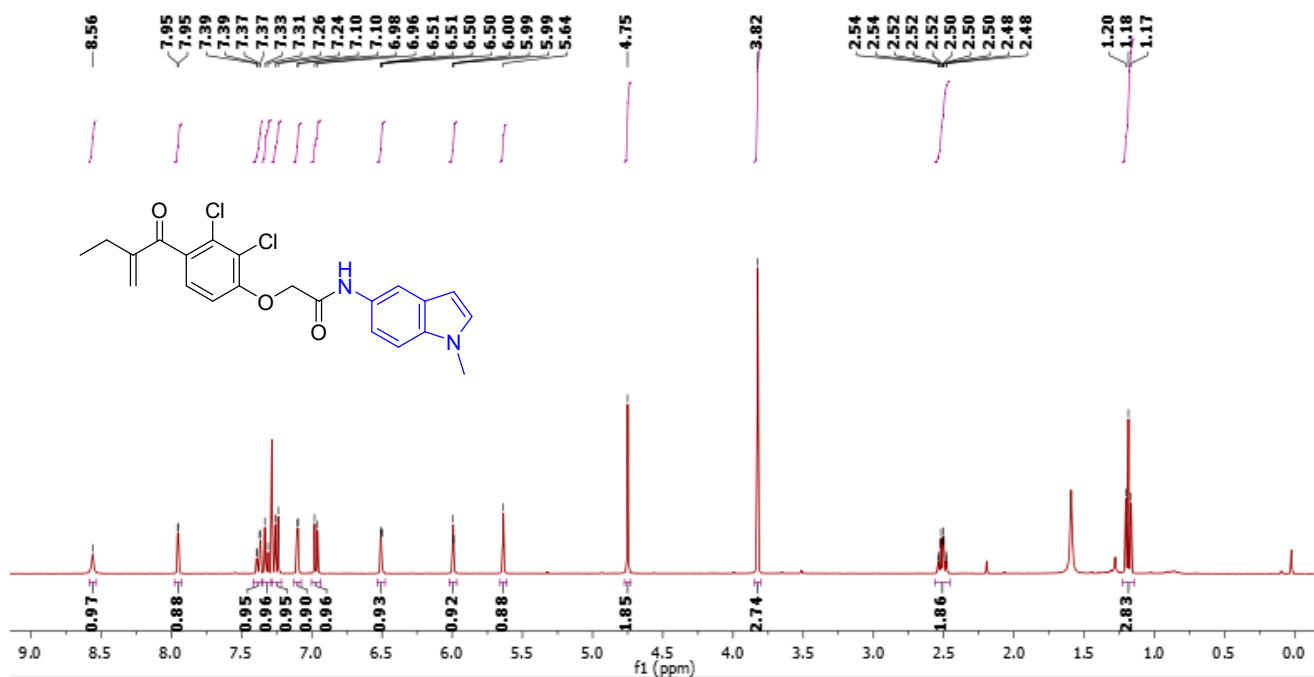
¹³C NMR spectrum (101 MHz, CDCl₃) of compound 2



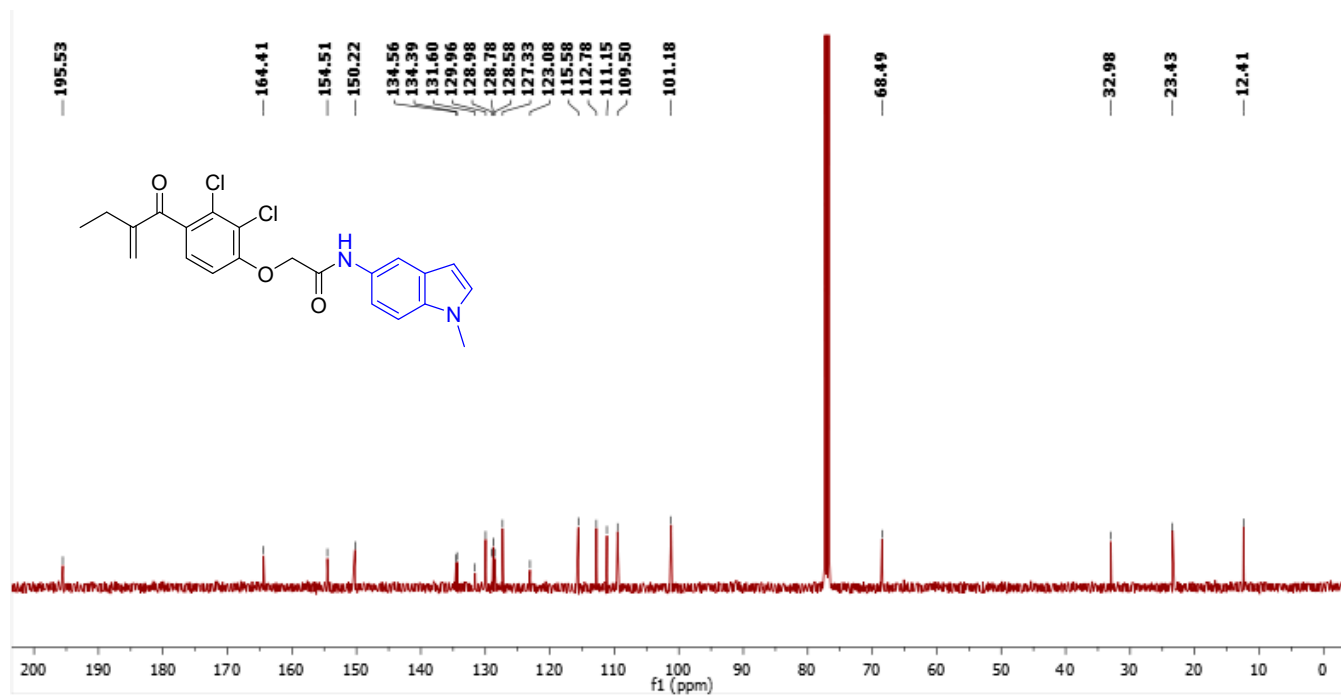
¹H NMR spectrum (400 MHz, CDCl₃) of compound 3



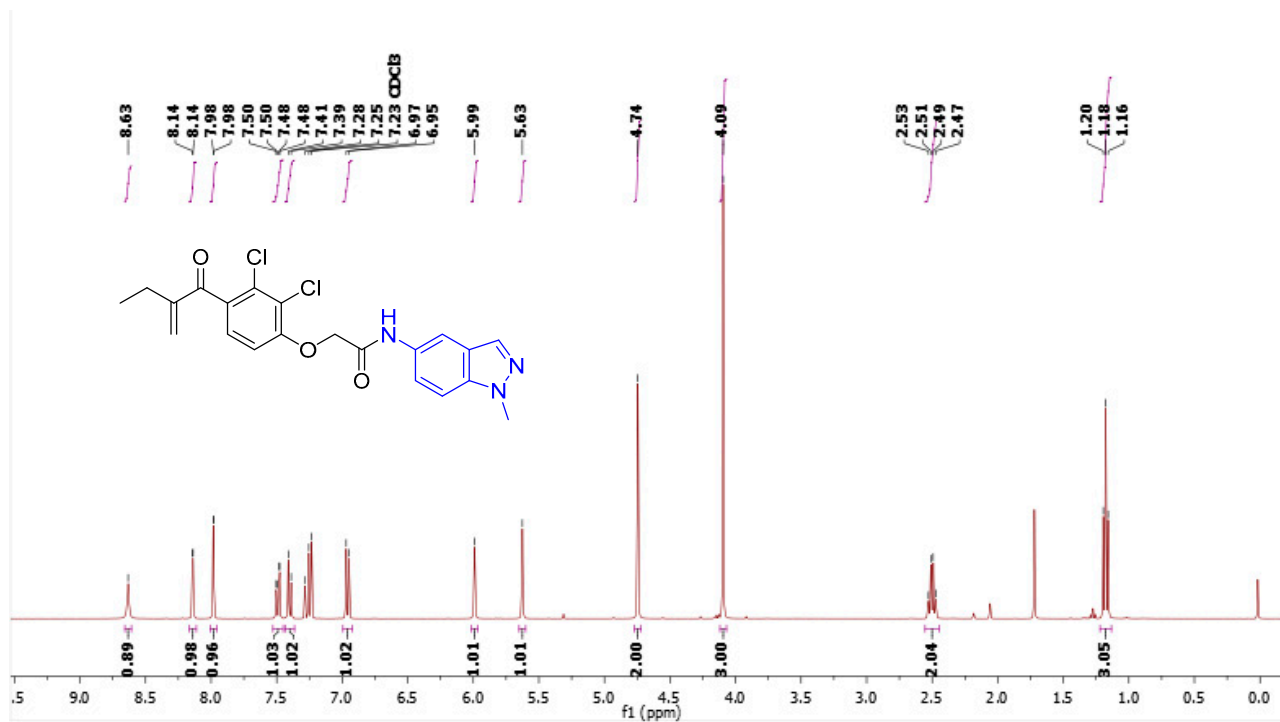
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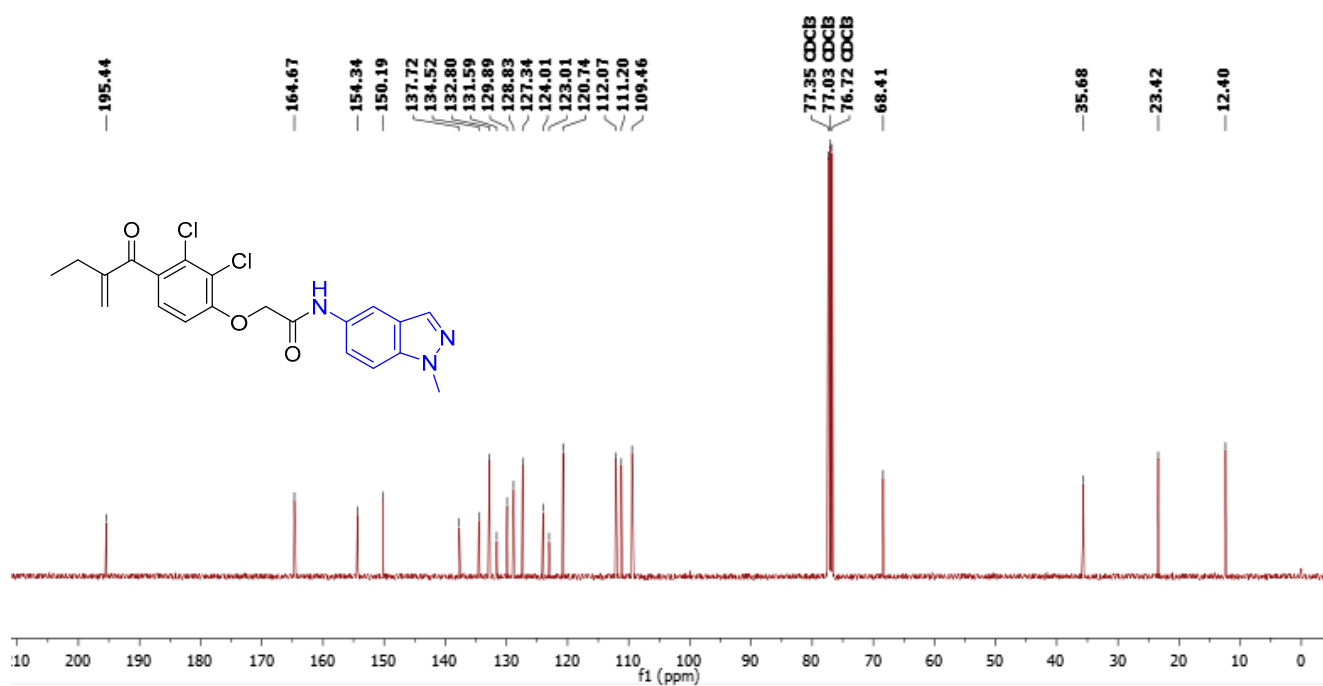
¹H NMR spectrum (400 MHz, CDCl₃) of compound 4



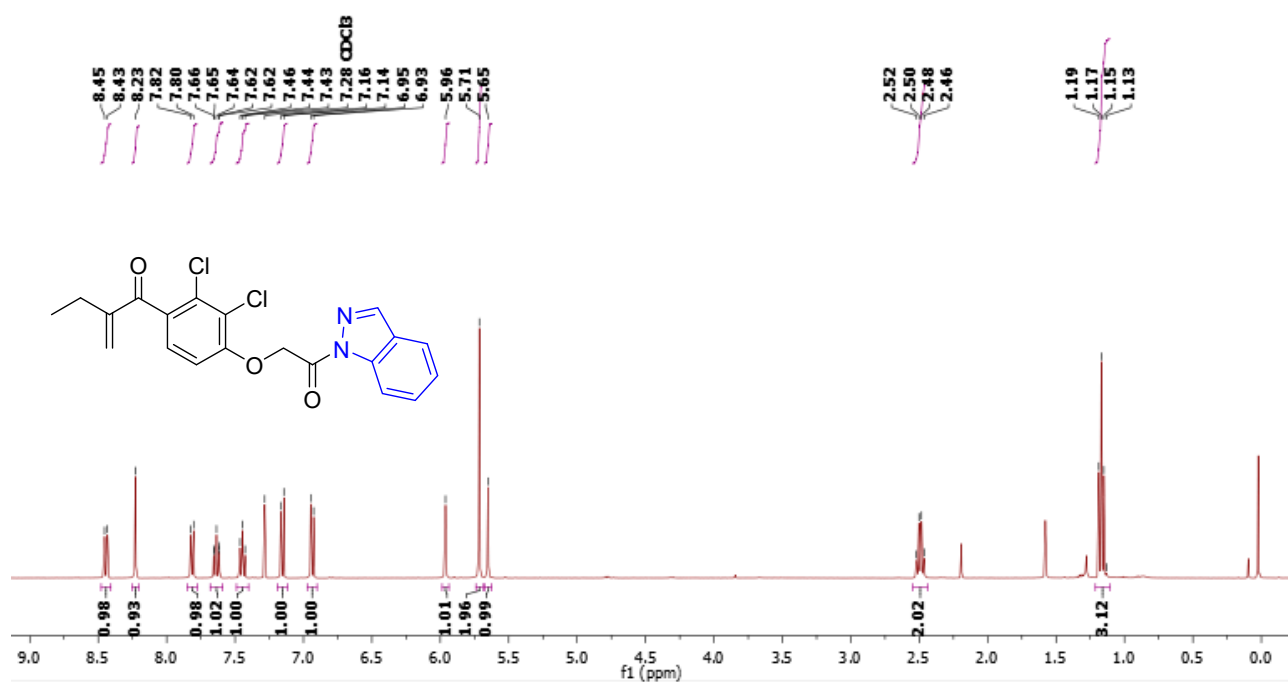
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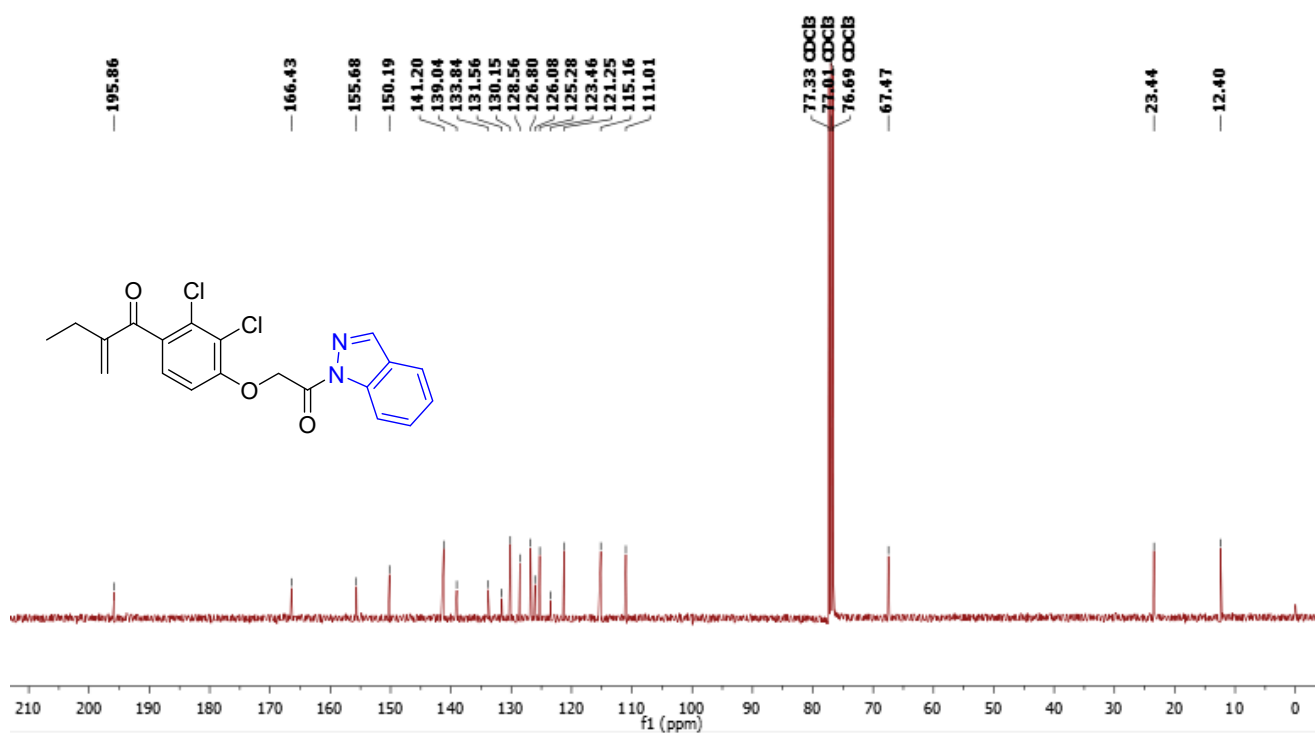
¹H NMR spectrum (400 MHz, CDCl₃) of compound 5



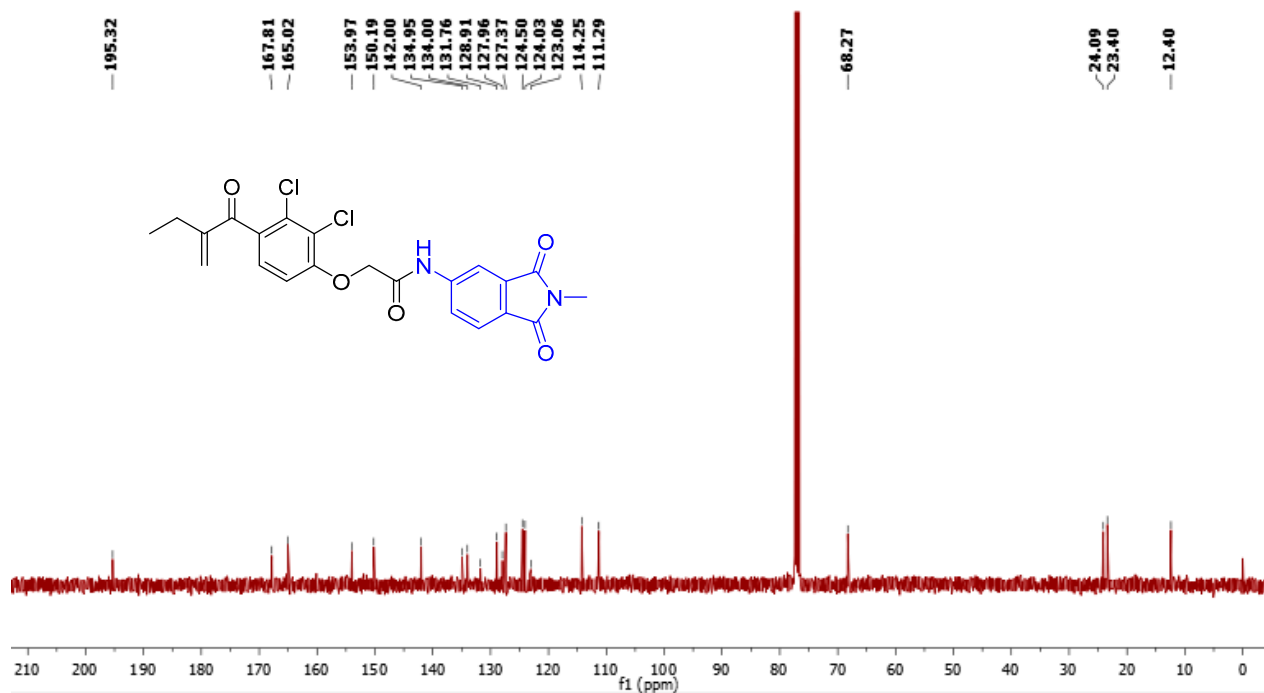
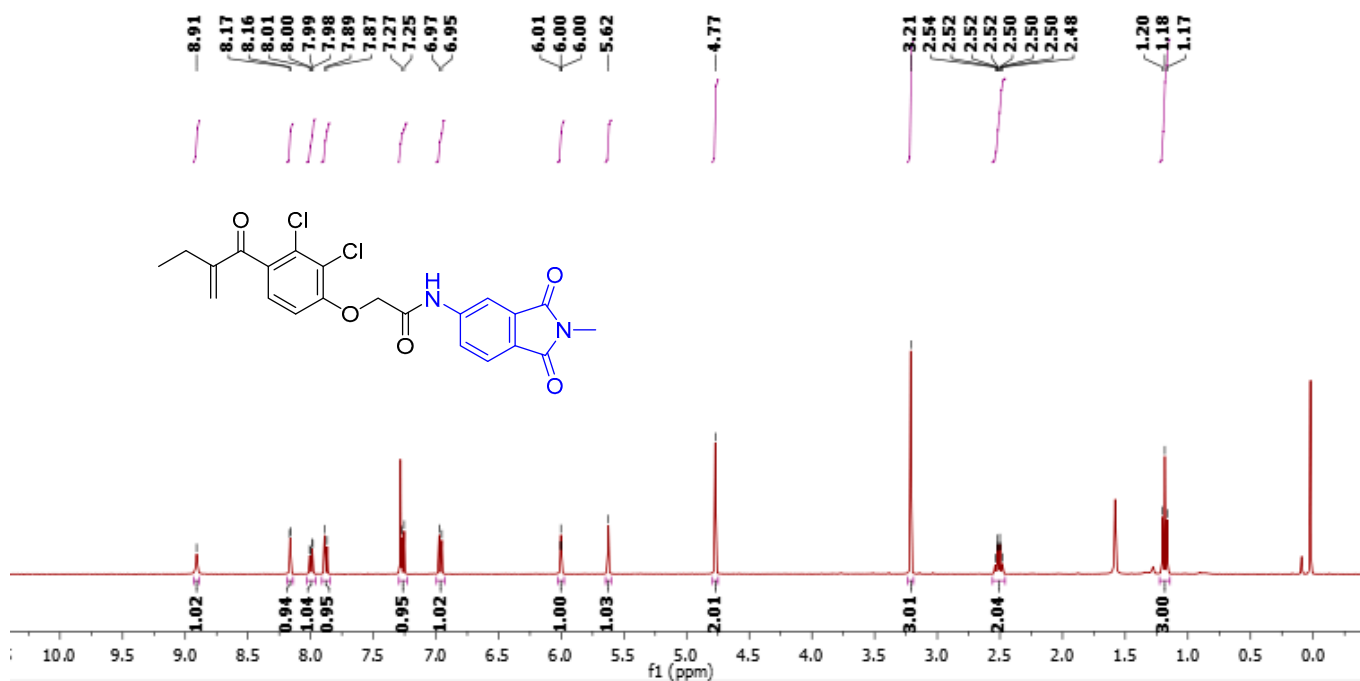
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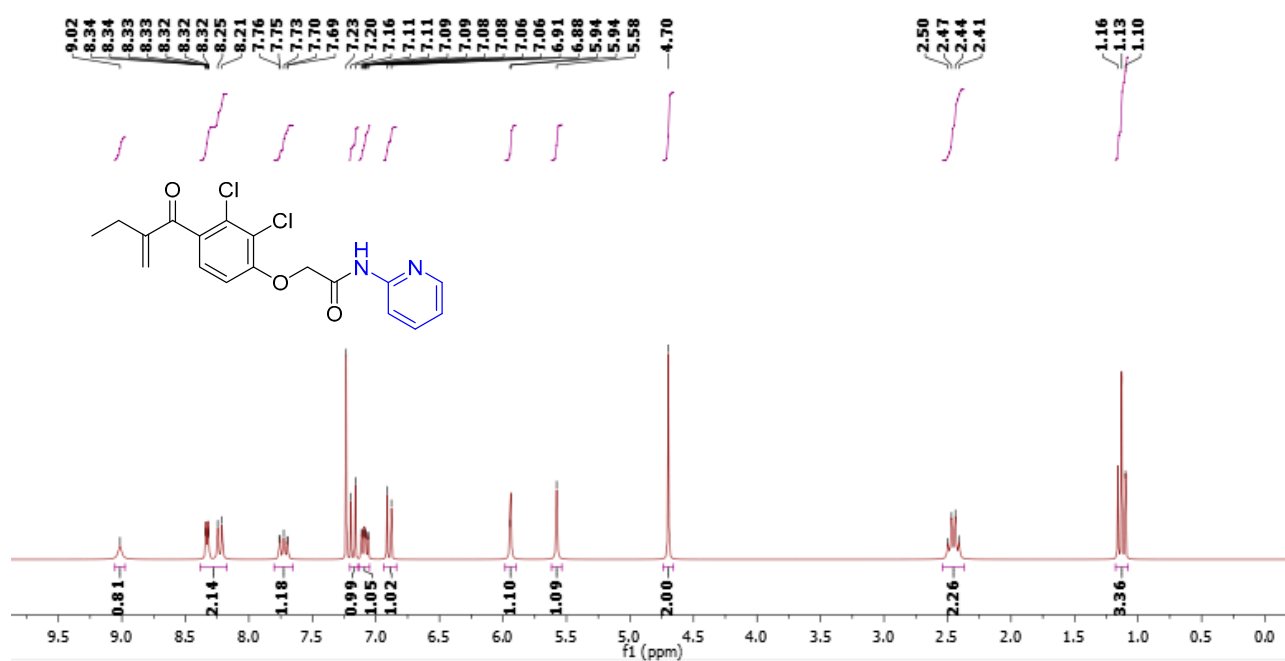


¹H NMR spectrum (400 MHz, CDCl₃) of compound 6

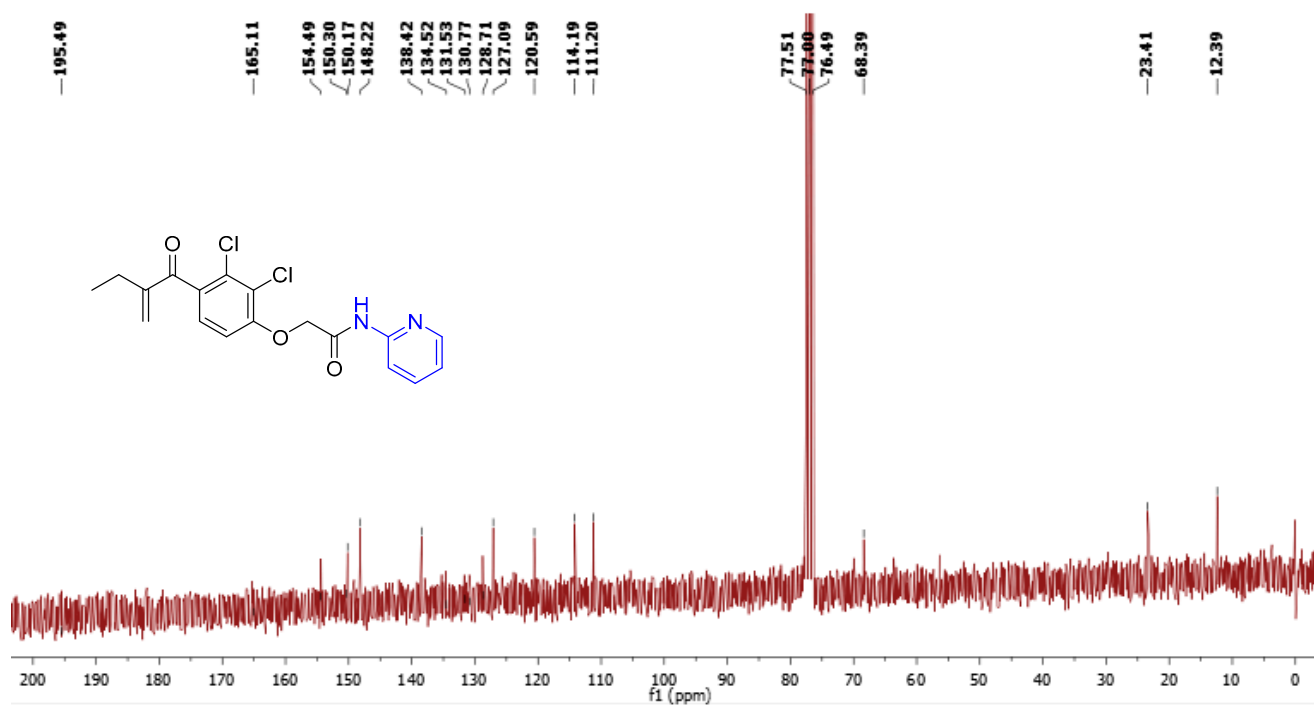


¹³C NMR spectrum (101 MHz, CDCl₃) of compound 6

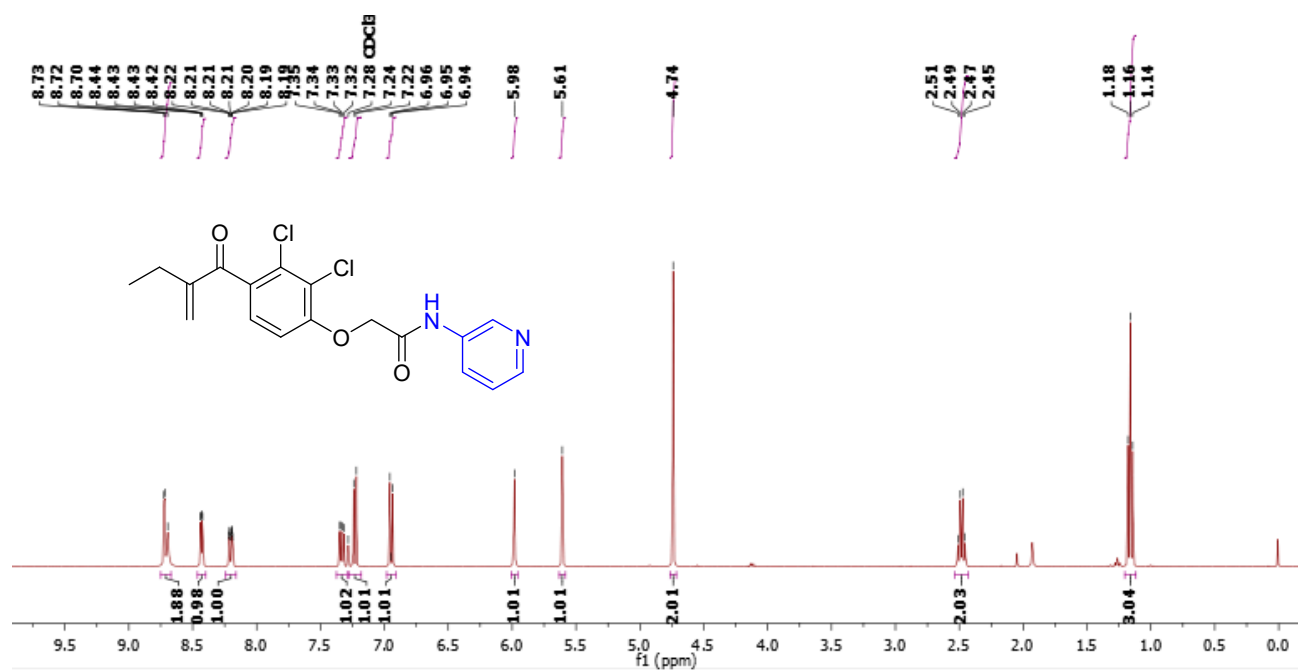




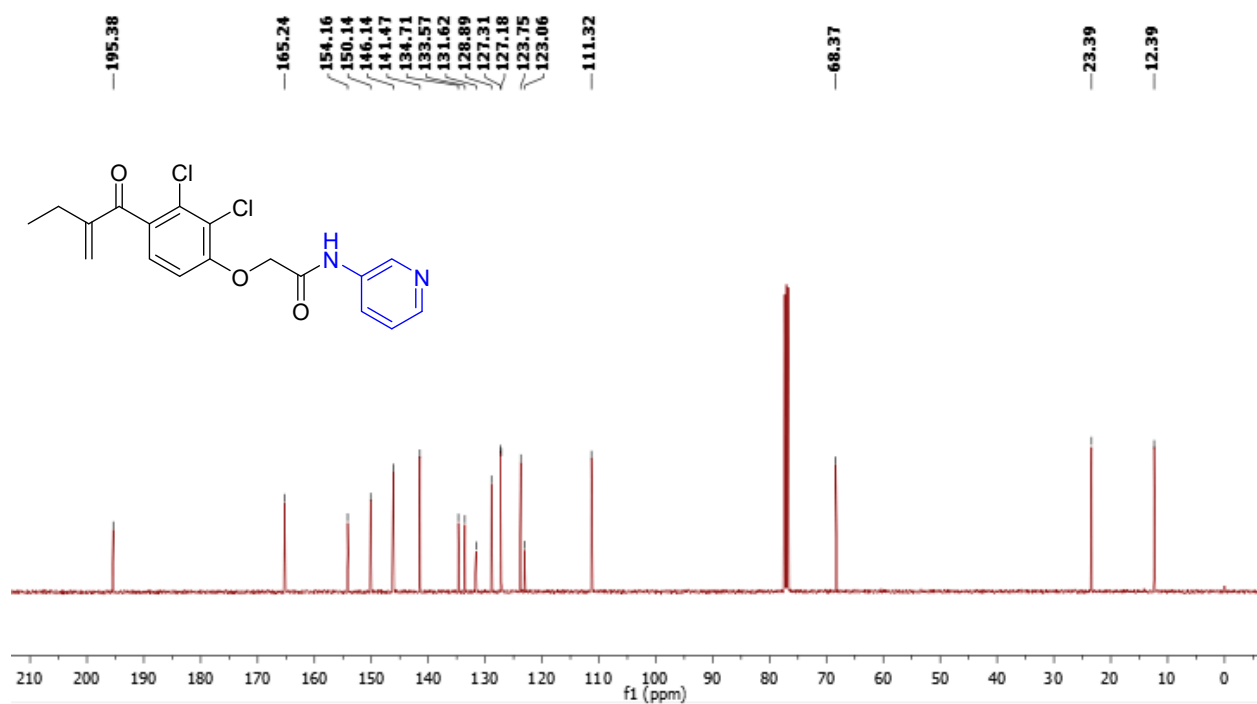
¹H NMR spectrum (400 MHz, CDCl₃) of compound **8**



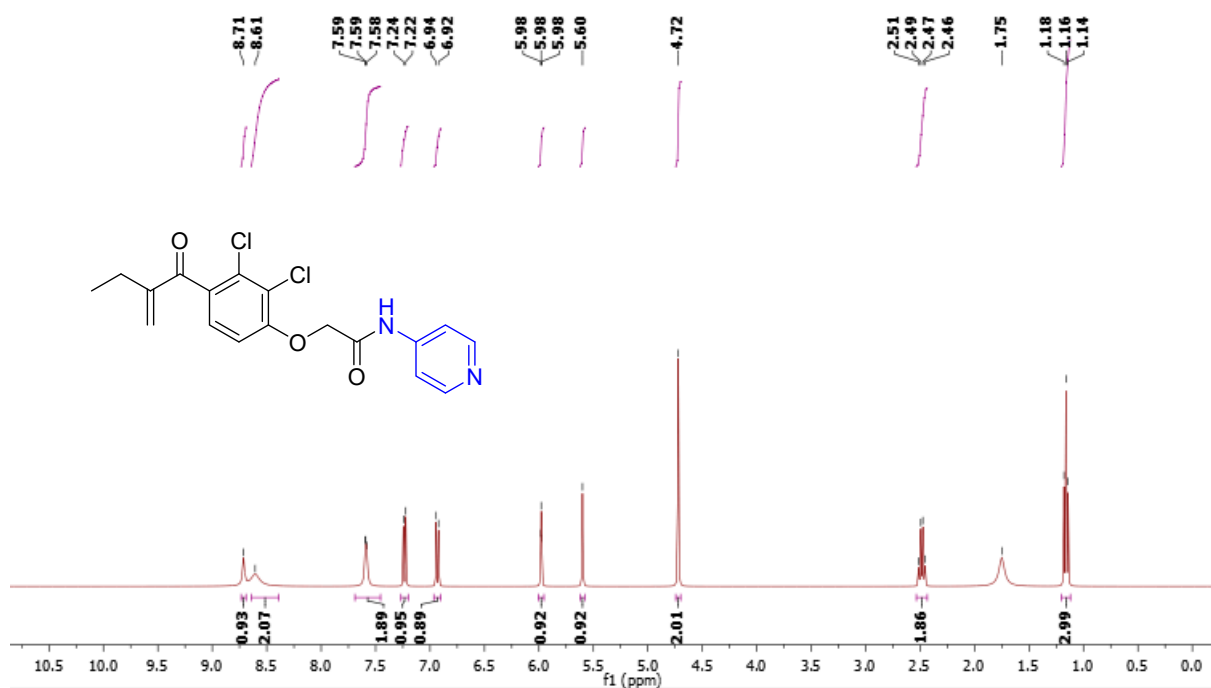
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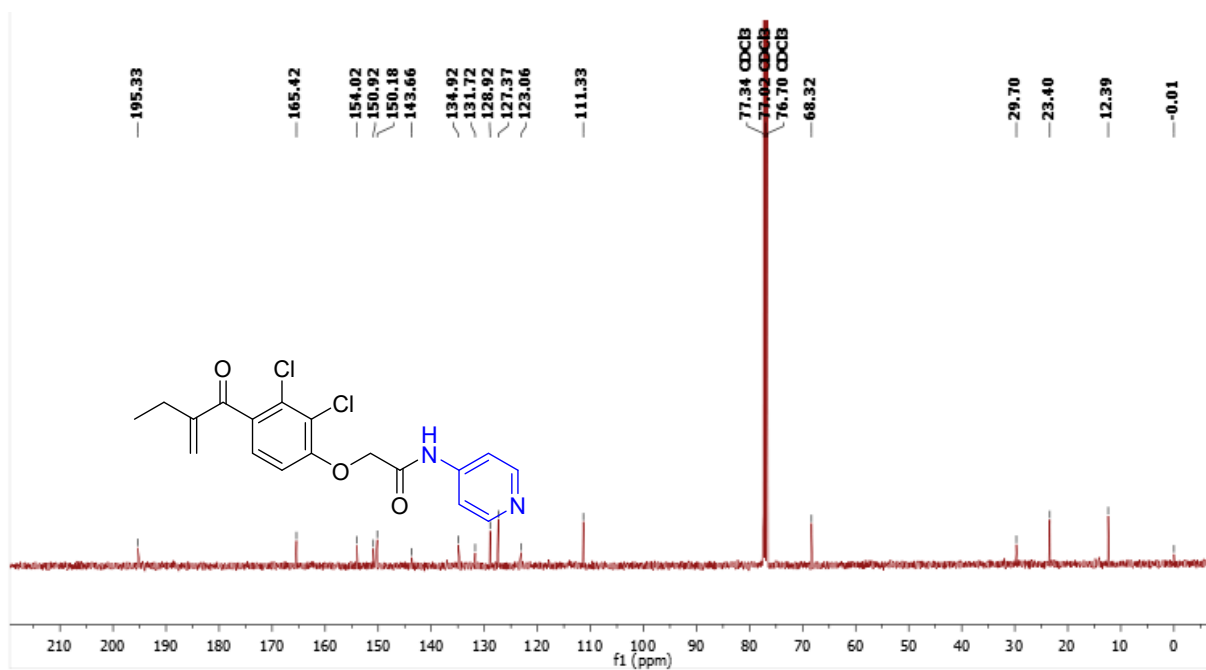
¹H NMR spectrum (400 MHz, CDCl₃) of compound **9**



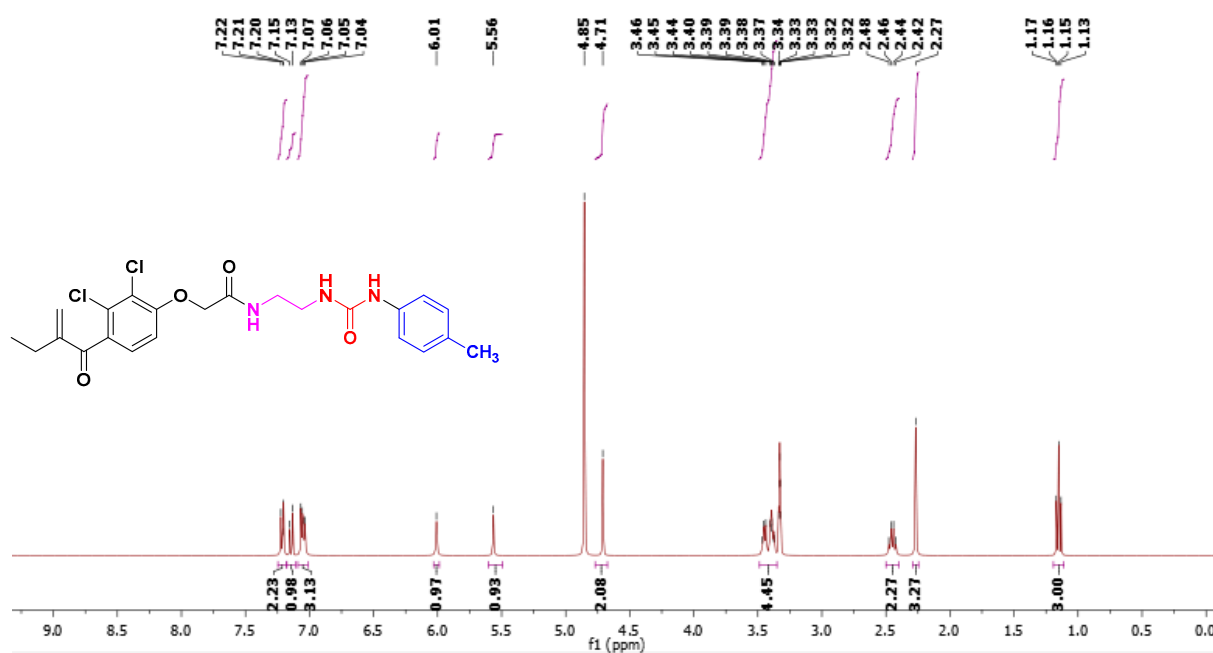
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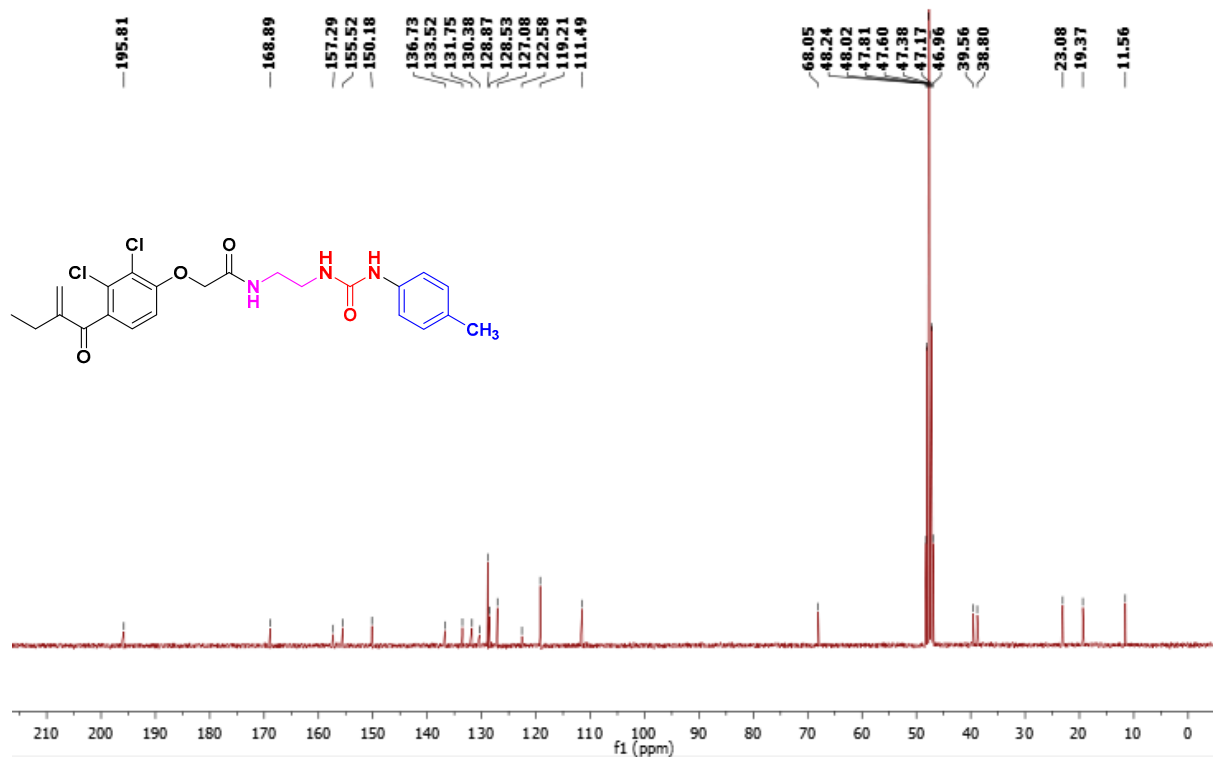
¹H NMR spectrum (400 MHz, CDCl₃) of compound **10**



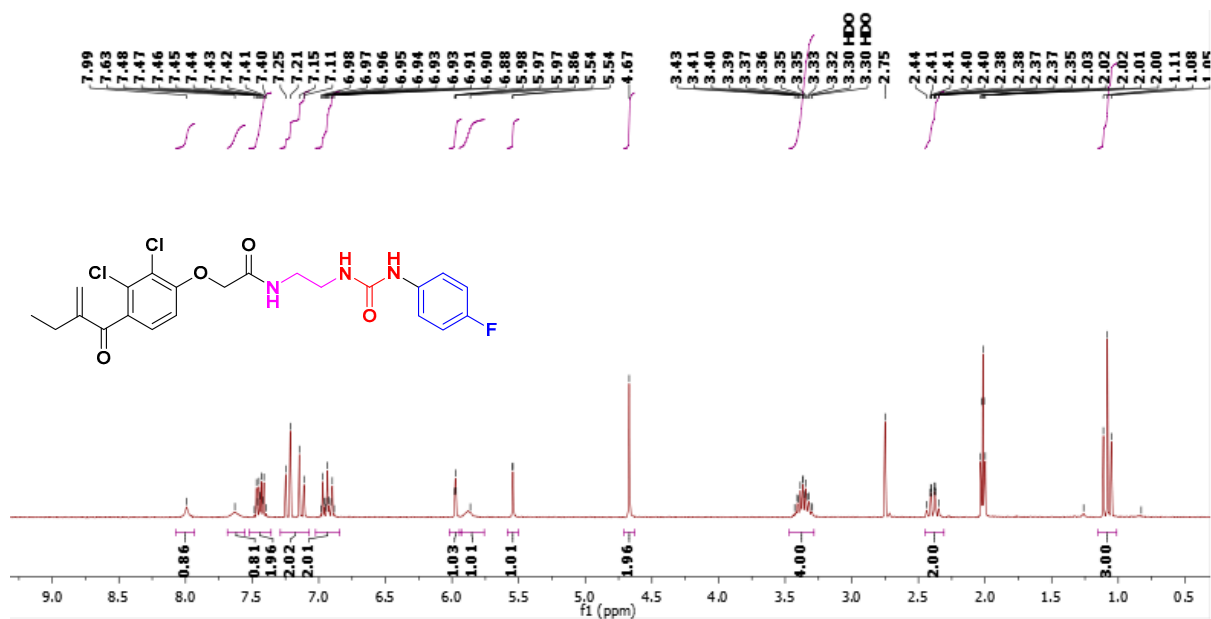
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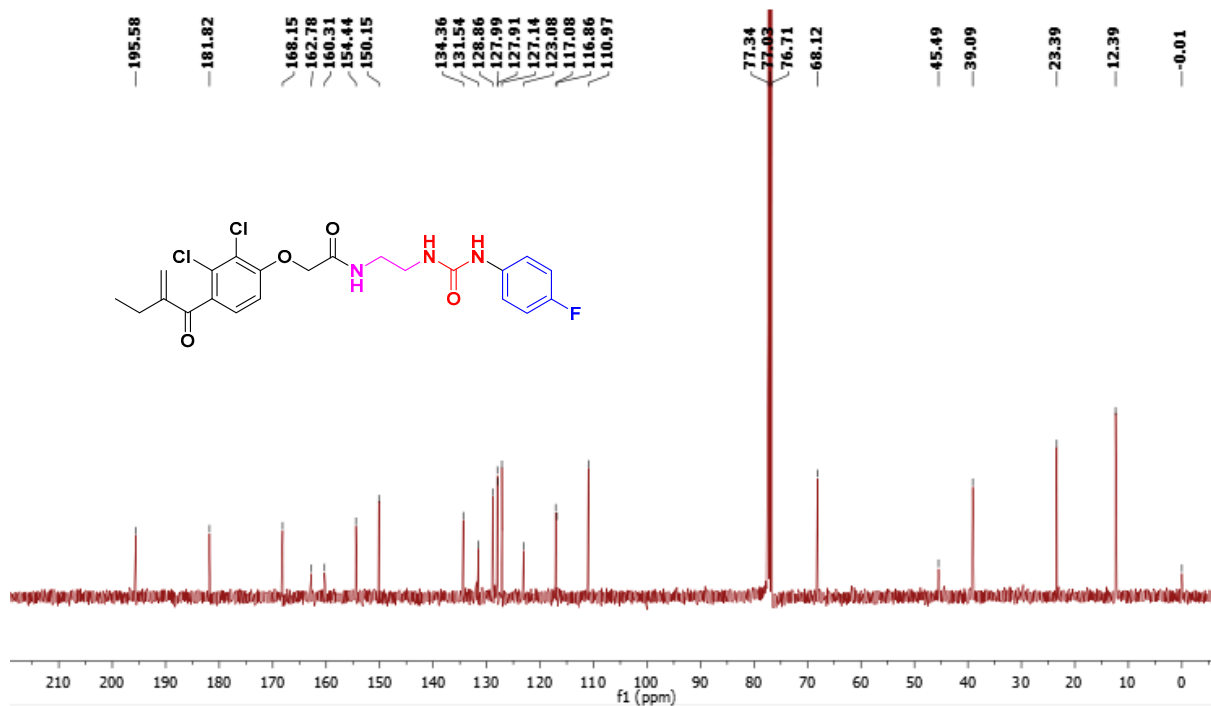
¹H NMR spectrum (400 MHz, CD₃OD) of compound **16a**



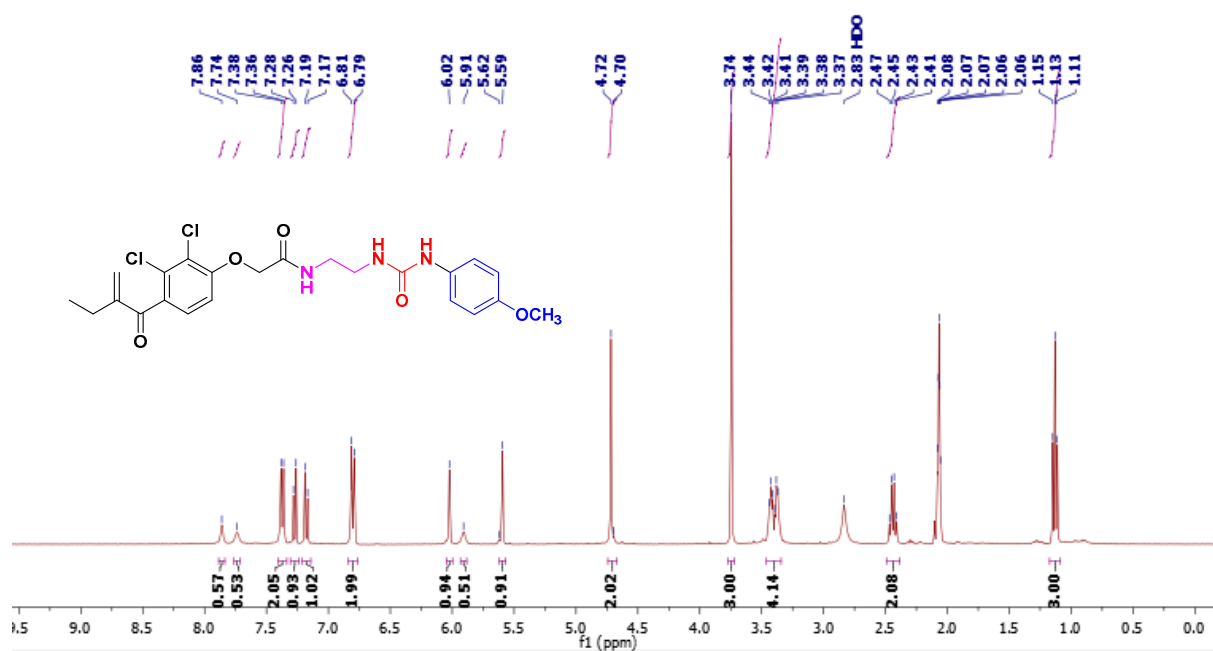
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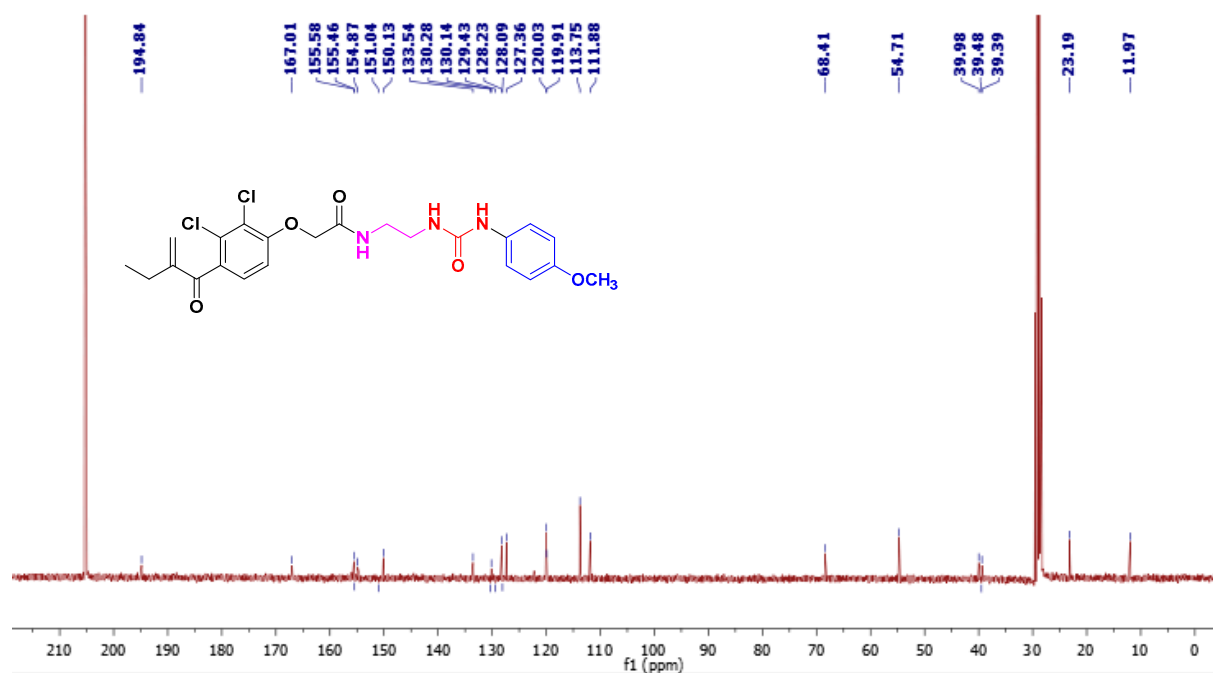
¹H NMR spectrum (400 MHz, (CD₃)₂CO) of compound **16b**



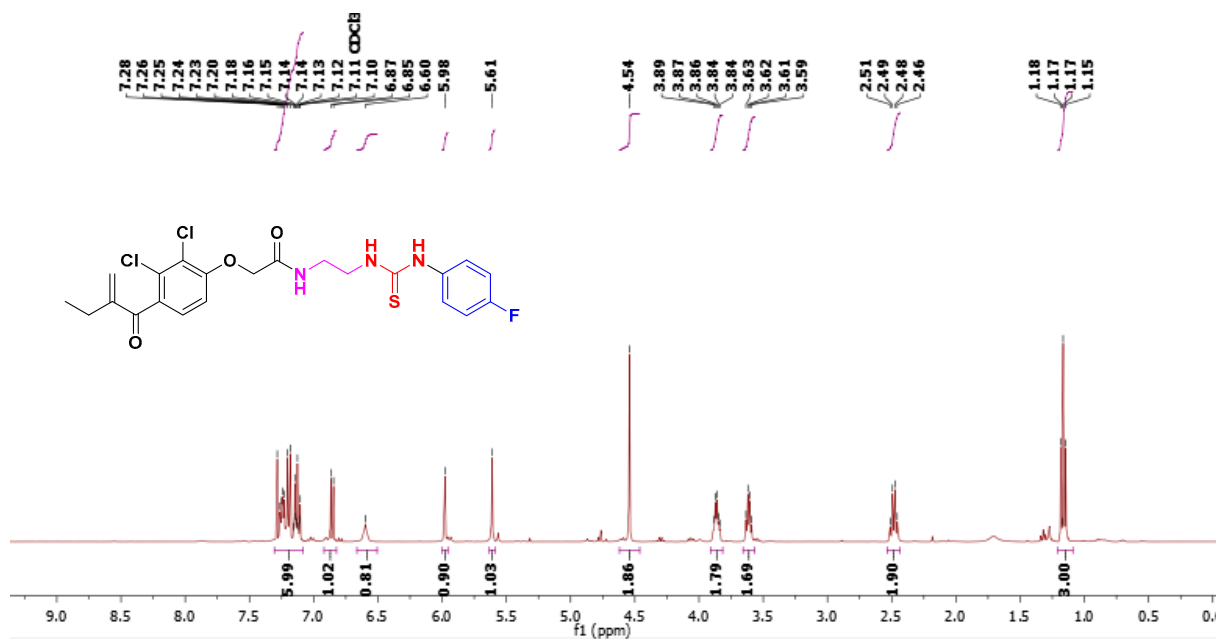
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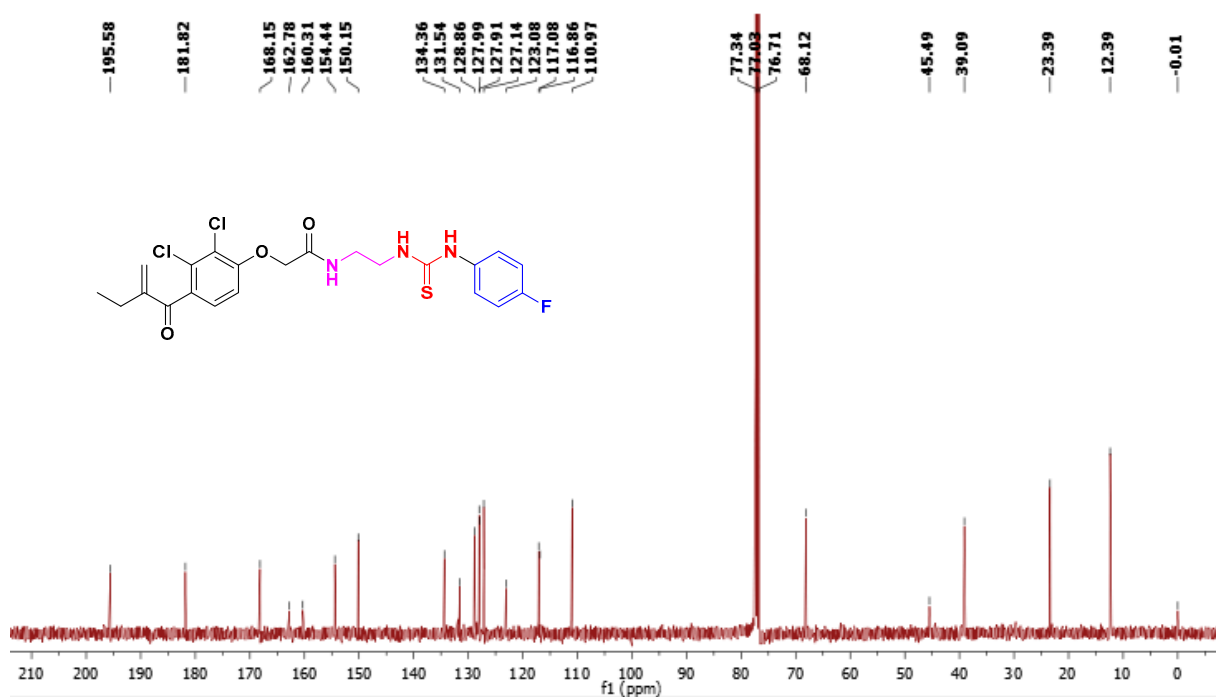
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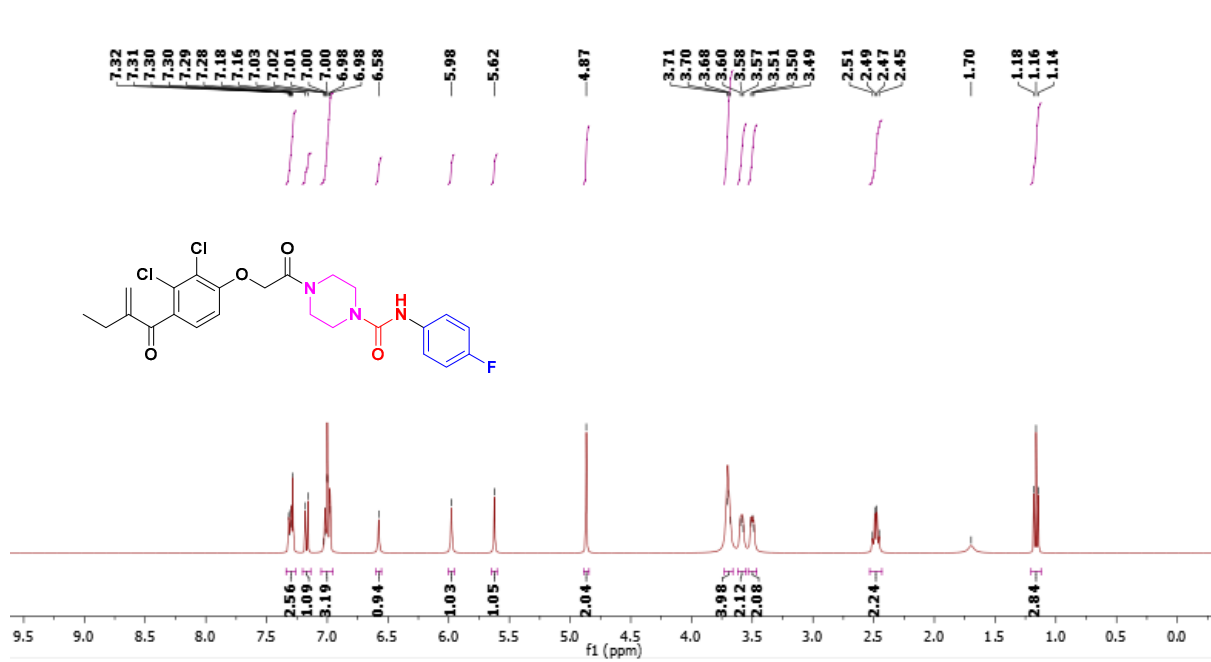
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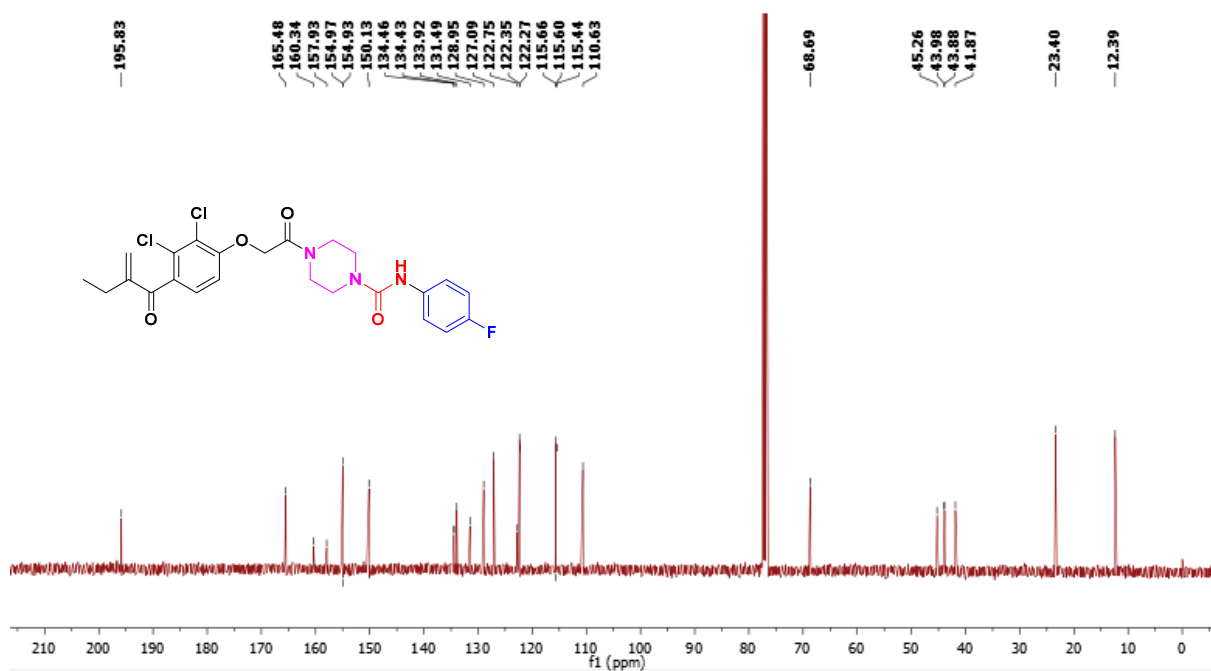
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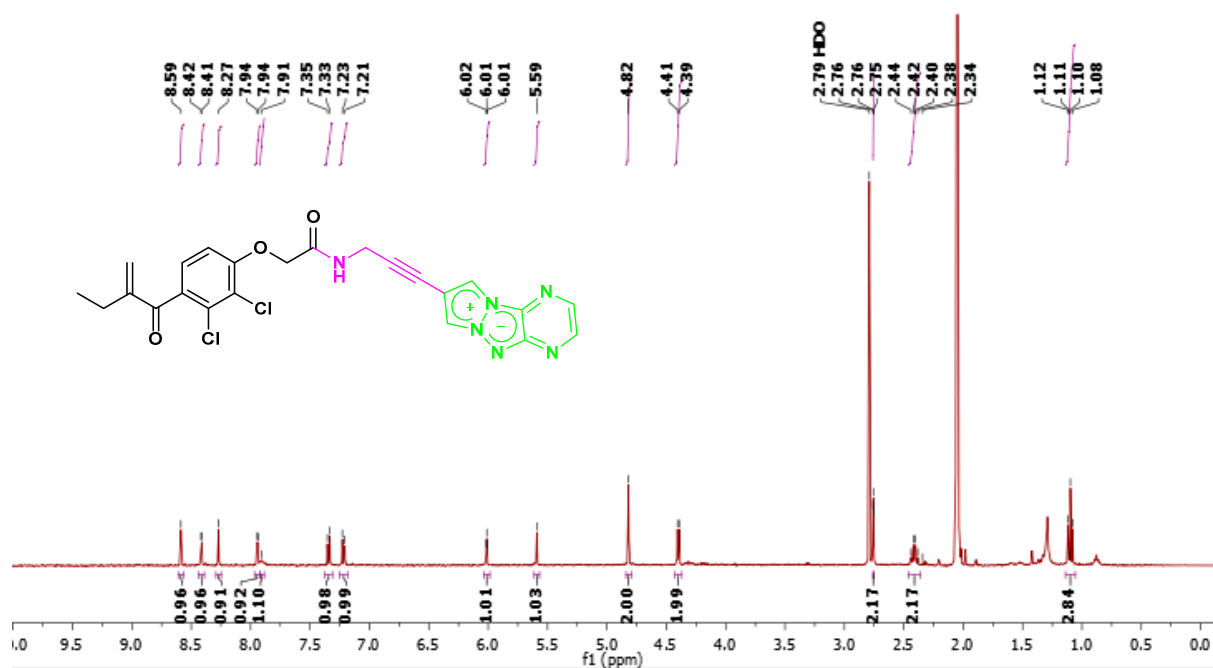
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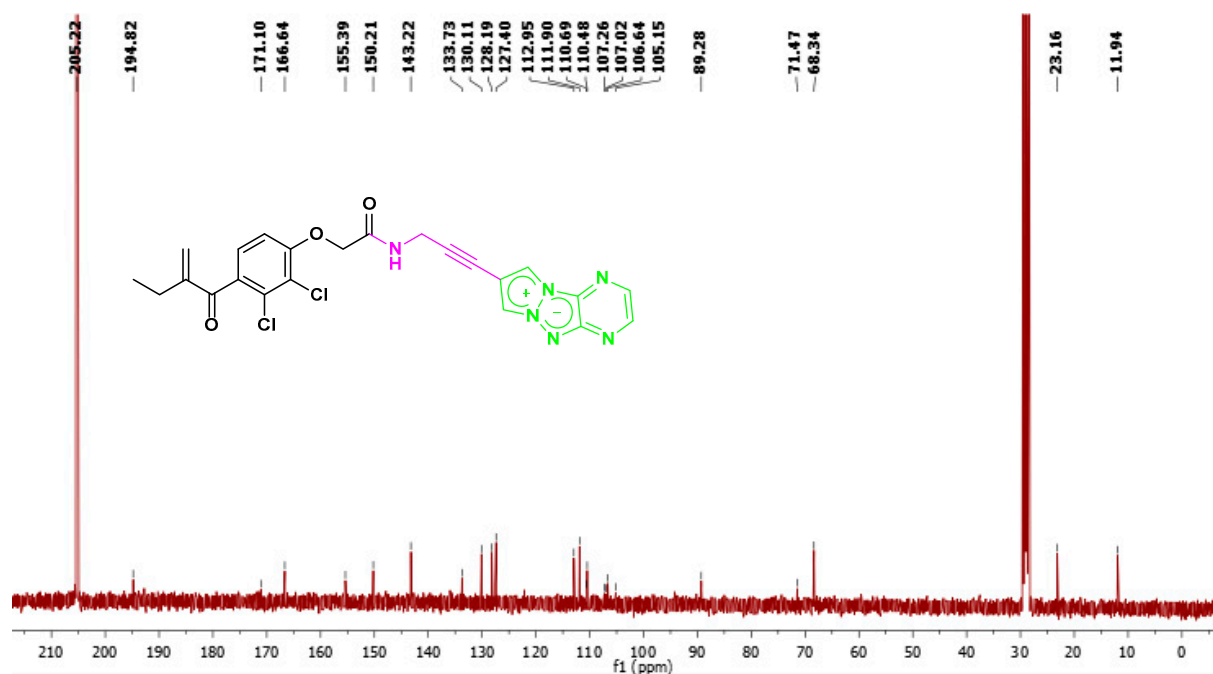
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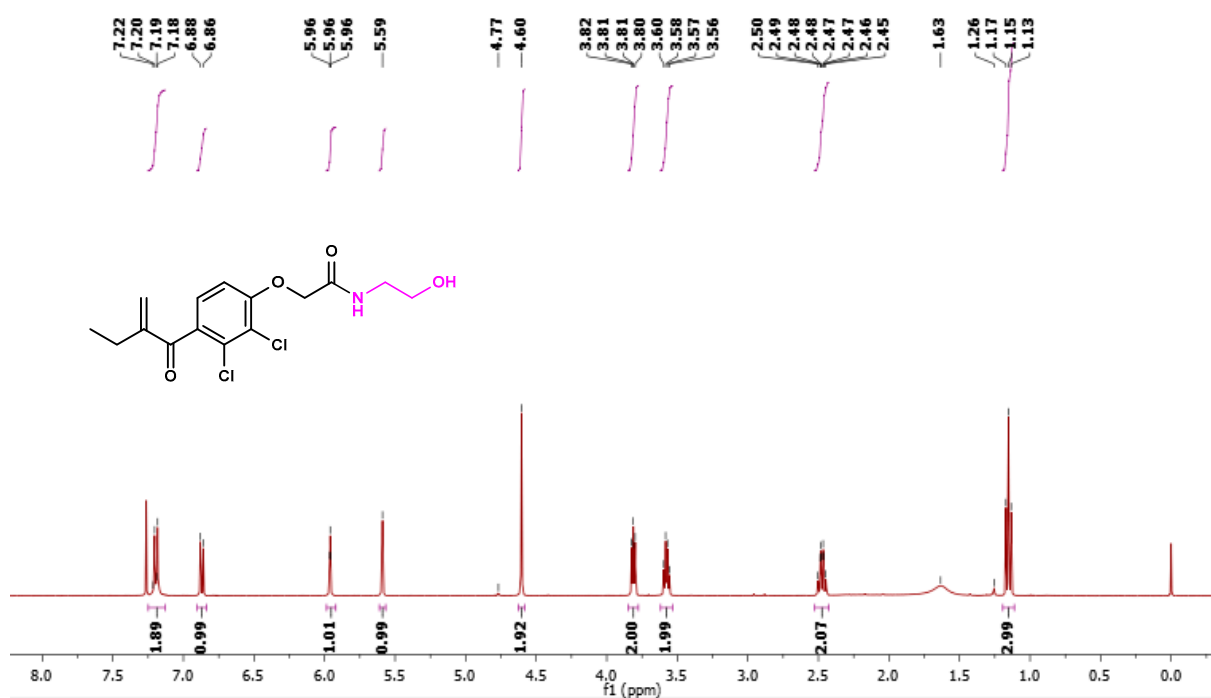
¹³C NMR spectrum (101 MHz, CDCl₃) of compound **18**



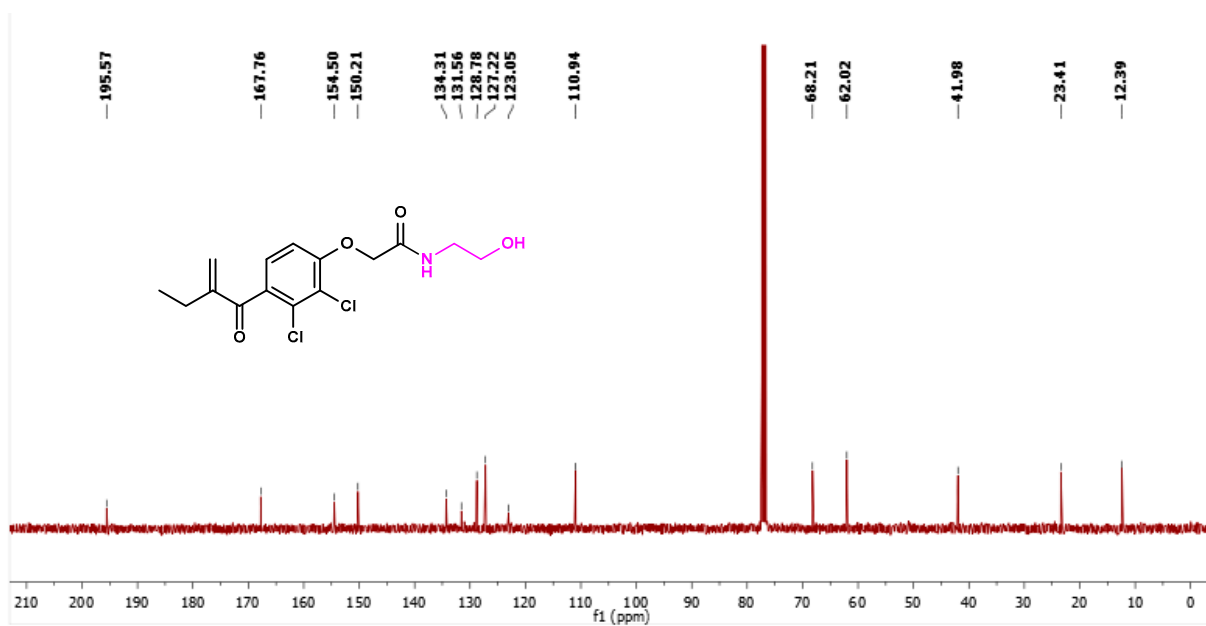
¹H NMR spectrum (400 MHz, (CD₃)₂CO) of compound **22**



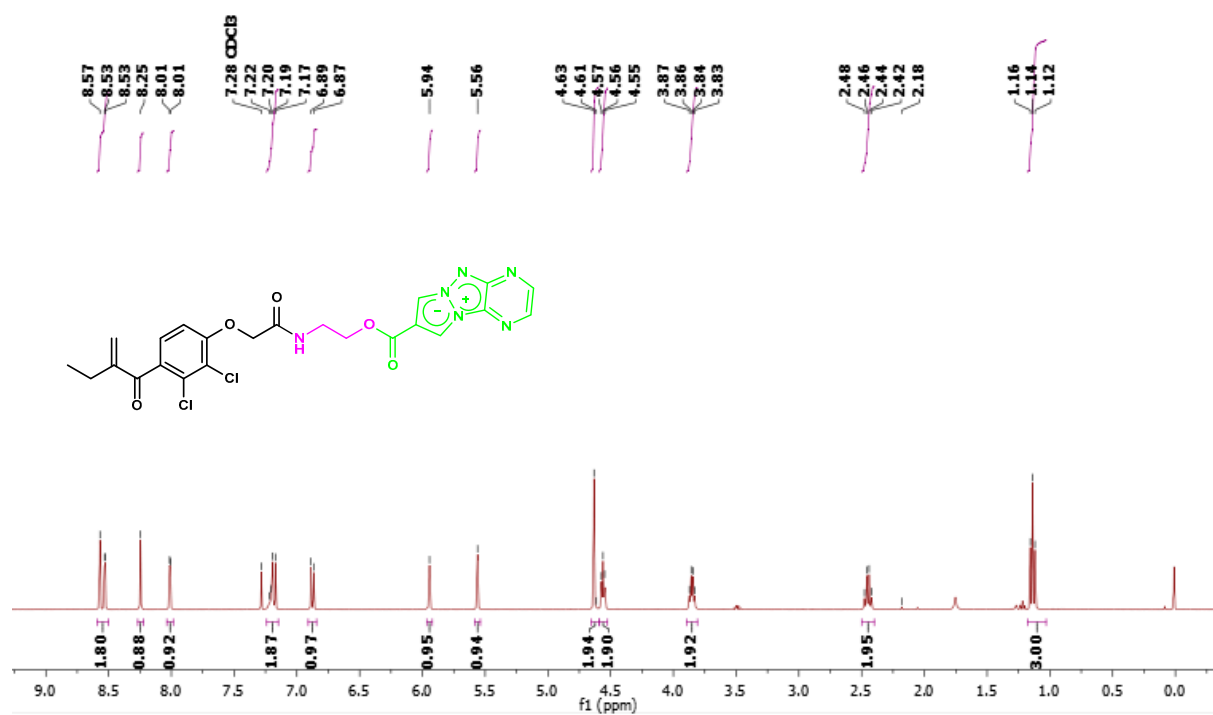
¹³C NMR spectrum (101 MHz, (CD₃)₂CO) of compound **22**



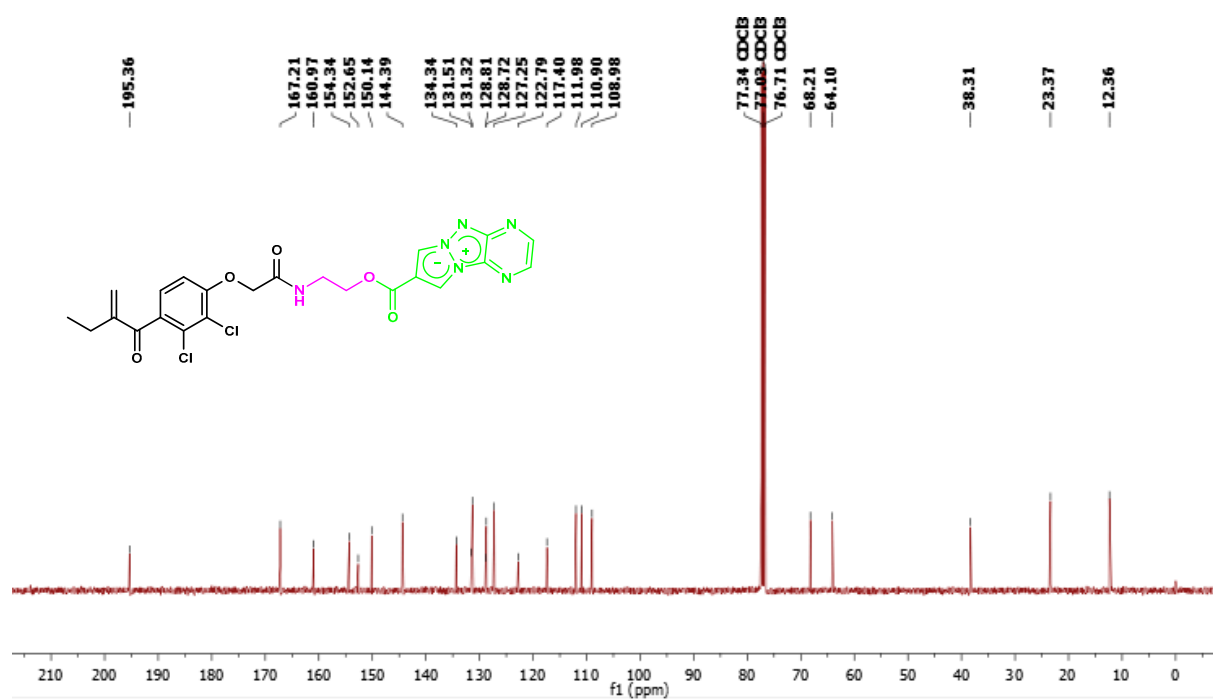
¹H NMR spectrum (400 MHz, CDCl₃) of compound **23**



¹³C NMR spectrum (101 MHz, CDCl₃) of compound **23**



¹H NMR spectrum (400 MHz, CDCl₃) of compound **24**



¹³C NMR spectrum (101 MHz, CDCl₃) of compound **24**