

C–H Methylation of Heteroarenes Inspired by Radical SAM Methyl Transferase

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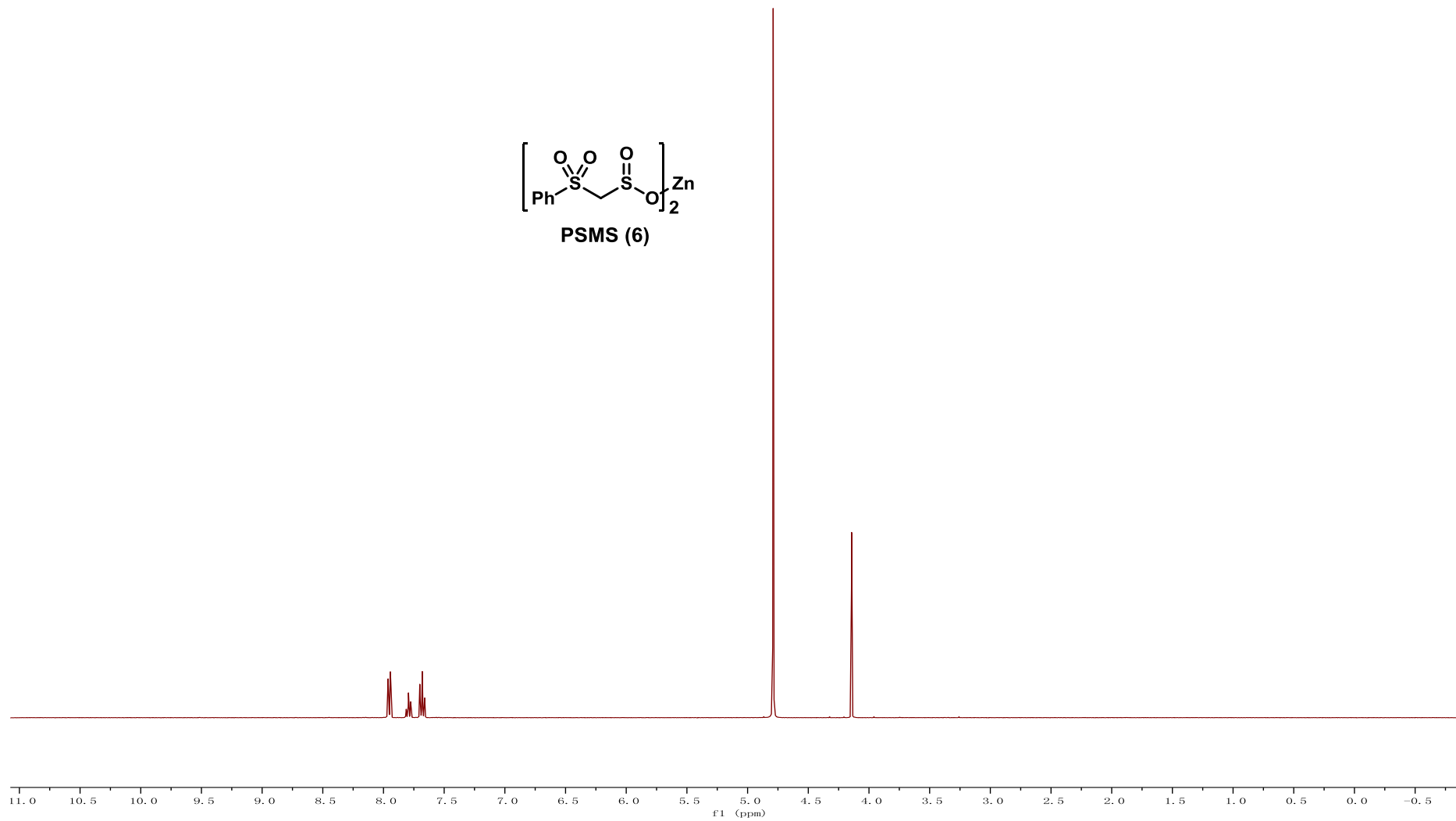
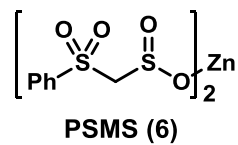
Supporting Information

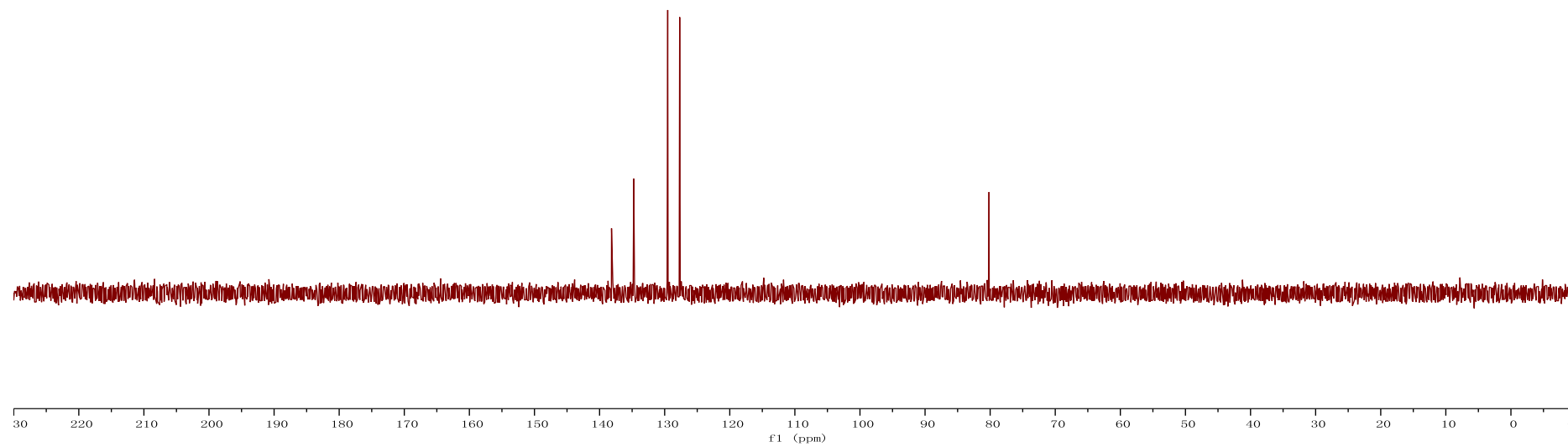
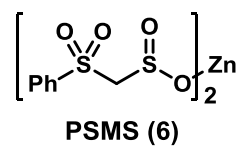
Part 2: NMR Spectra of New Compounds

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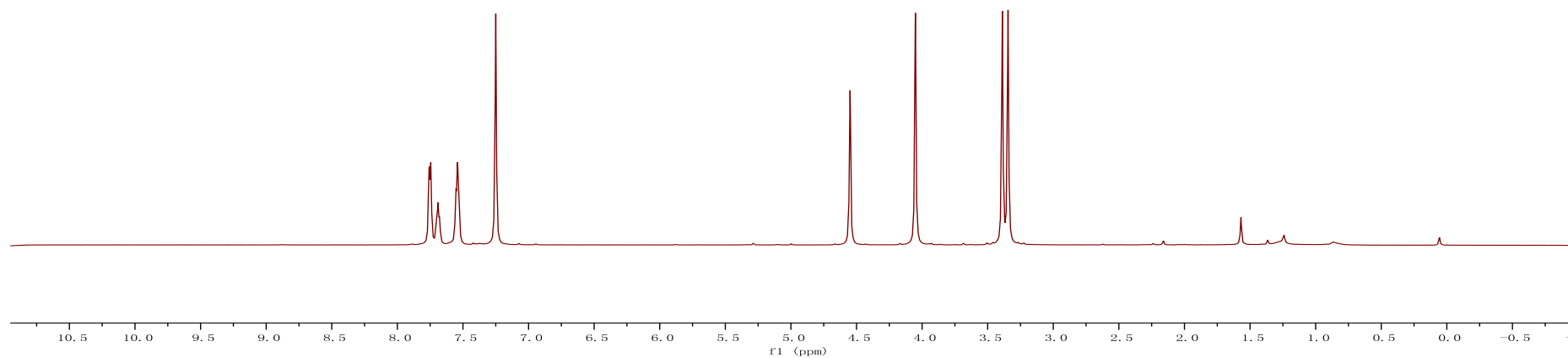
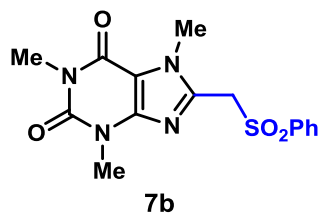
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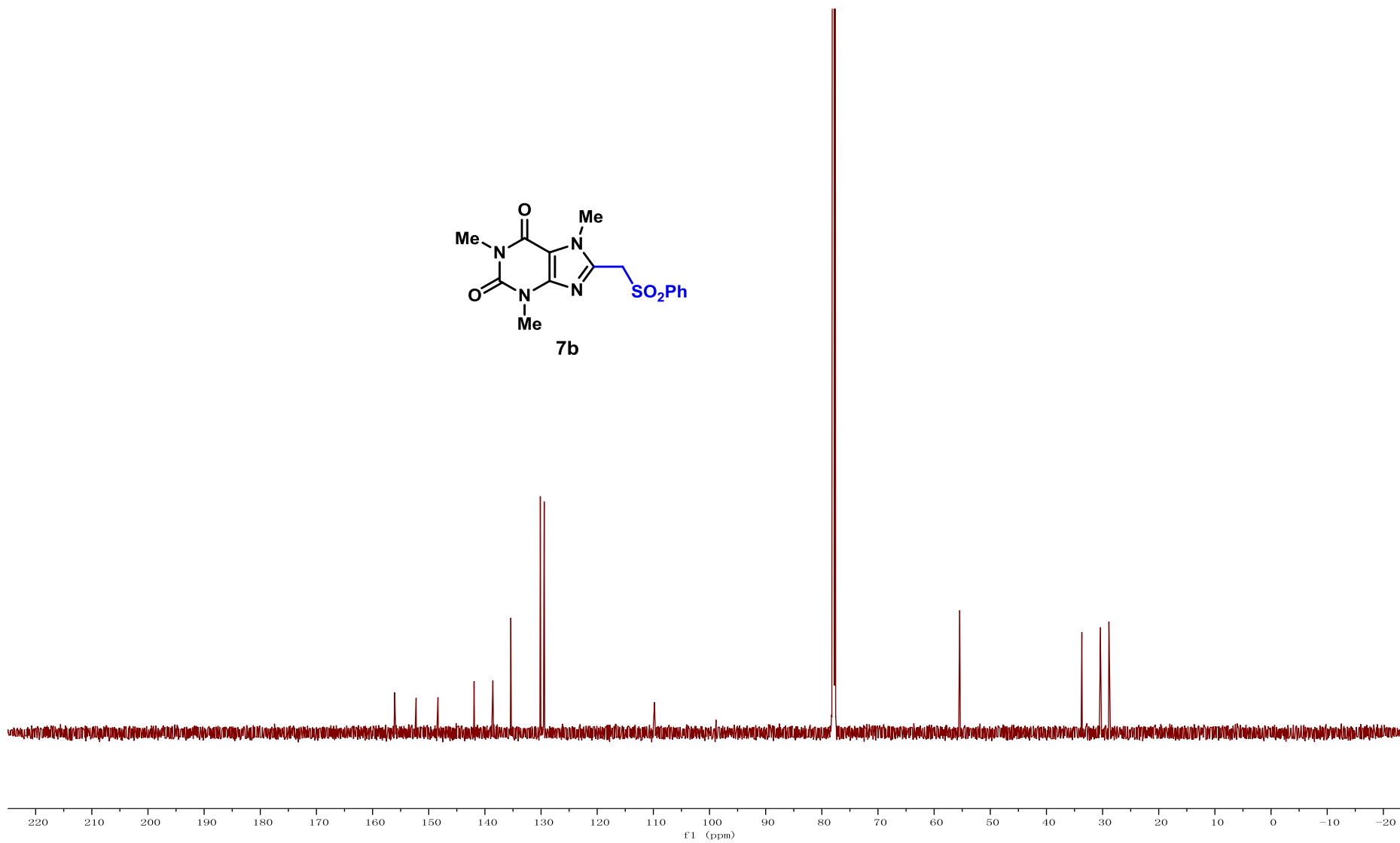
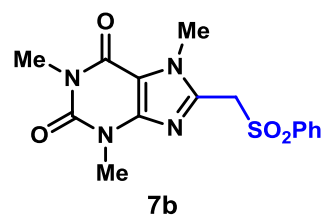
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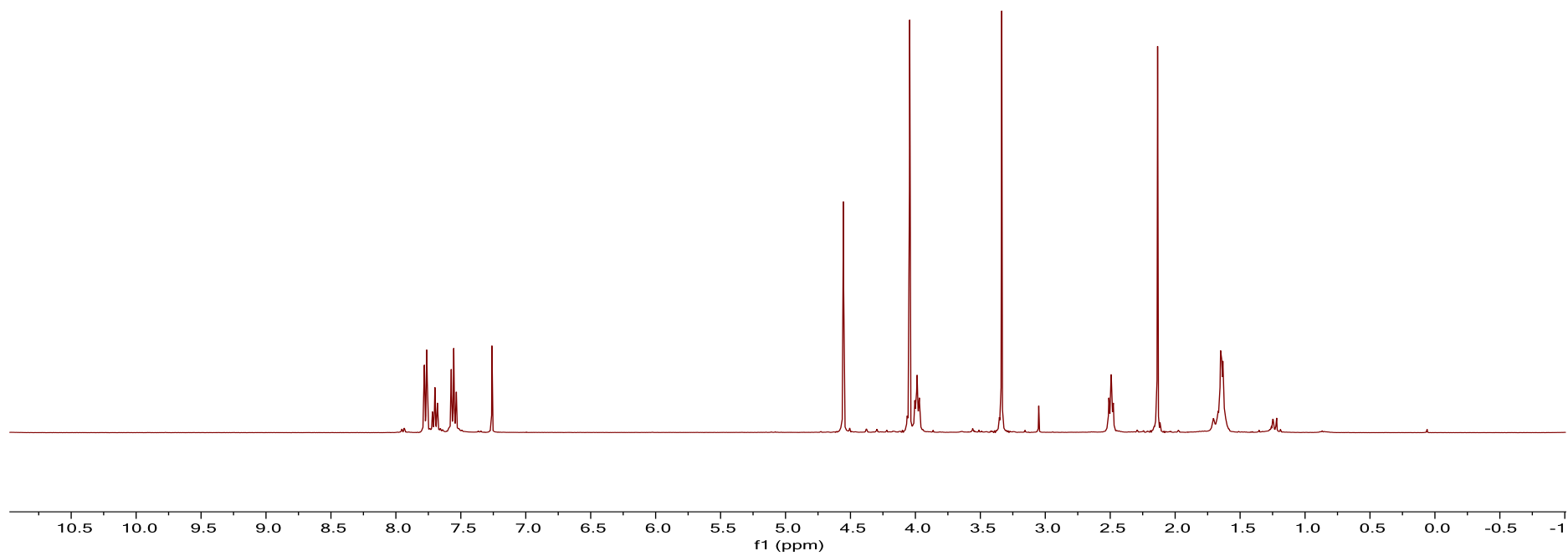
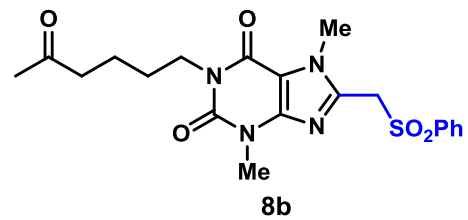


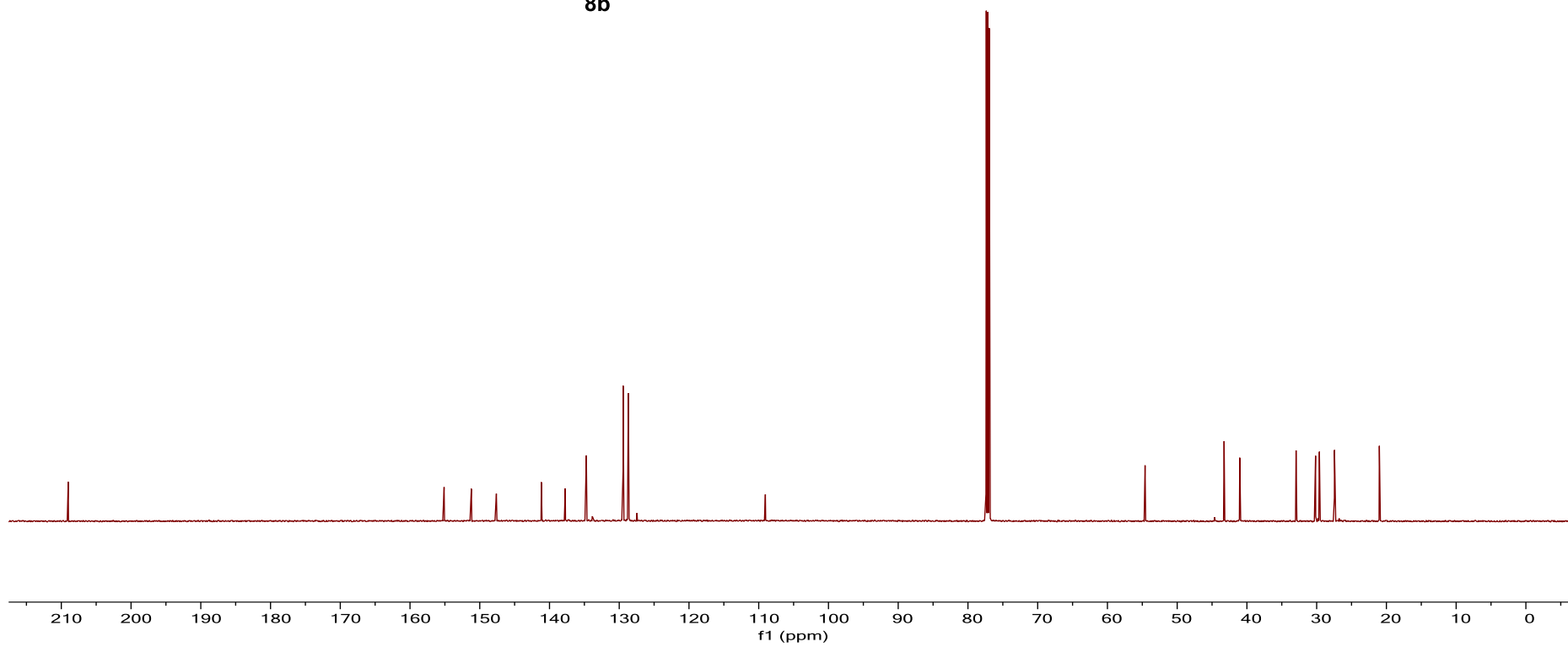
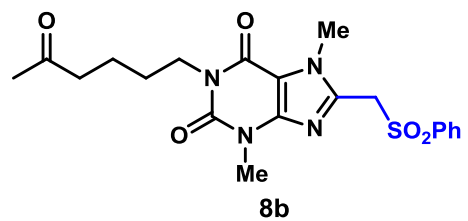


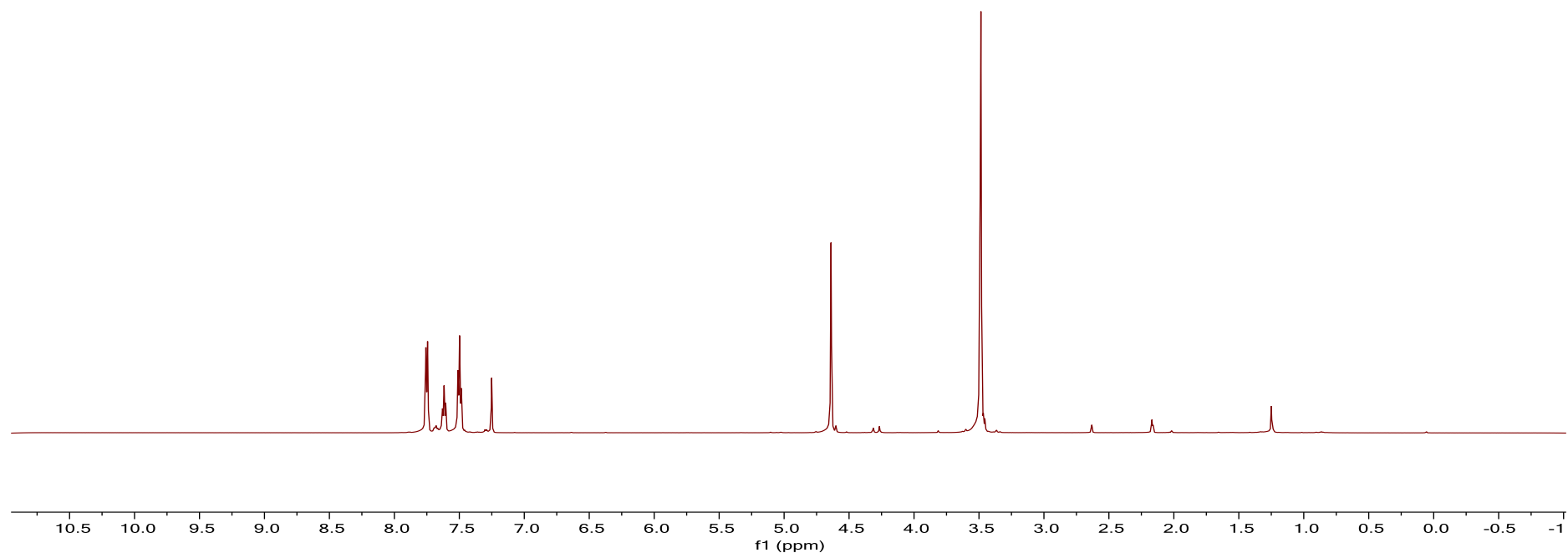
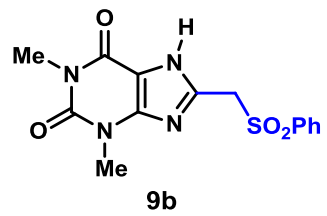
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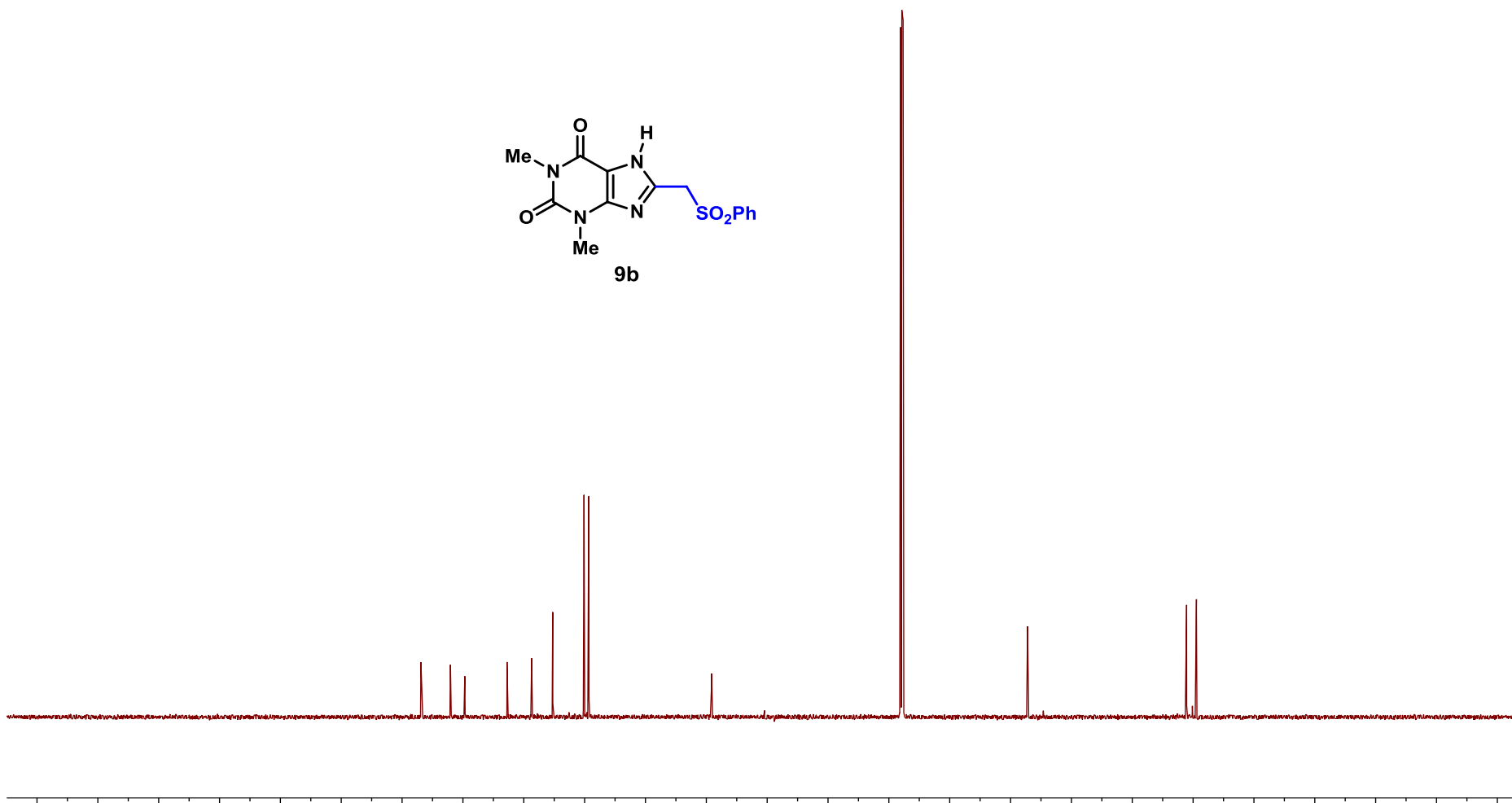
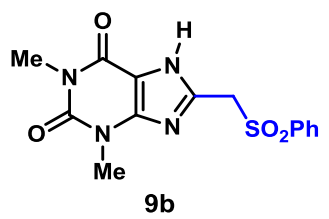


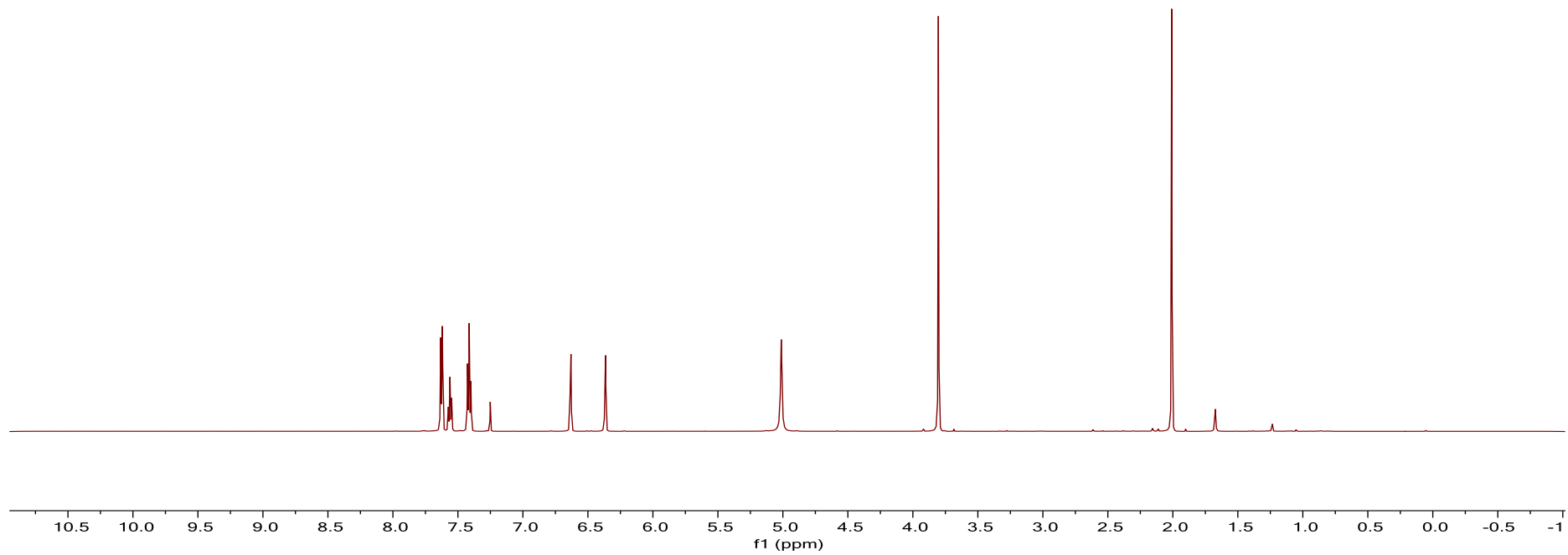
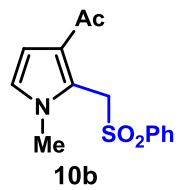


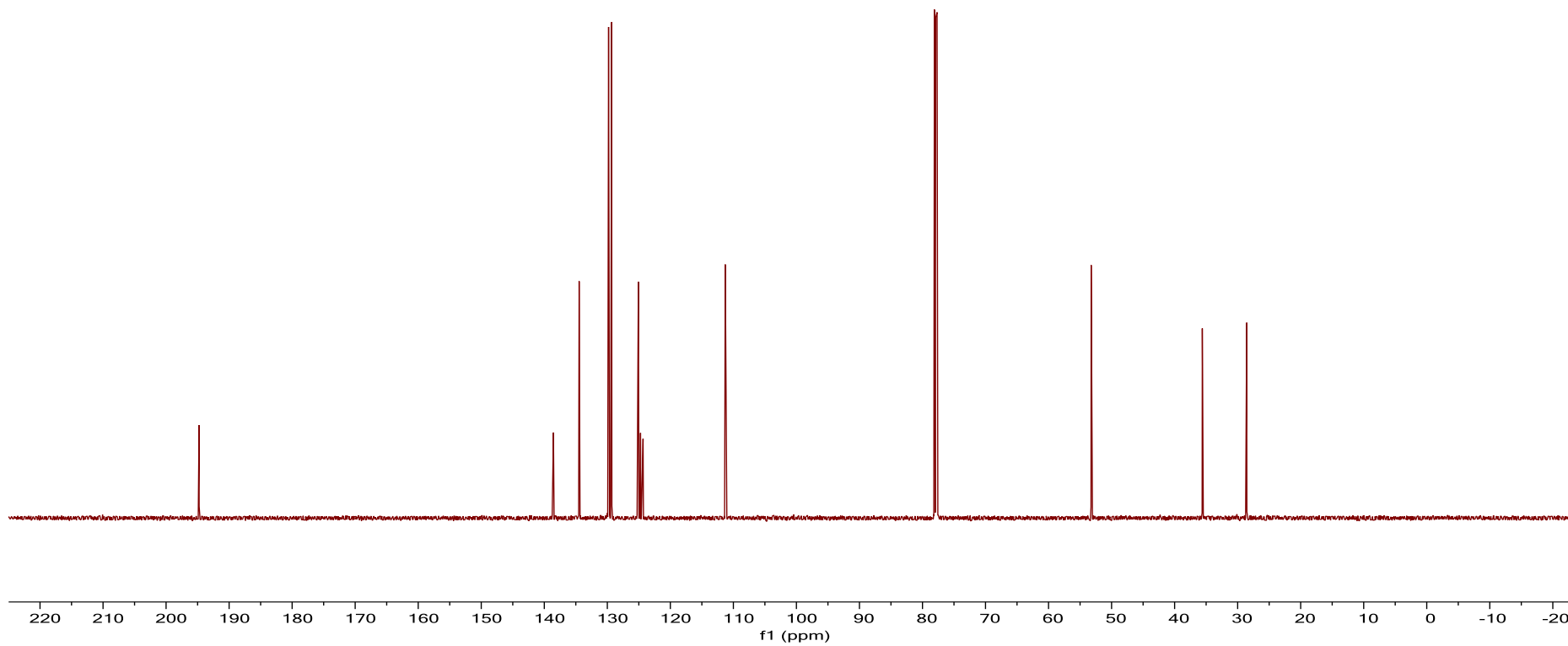
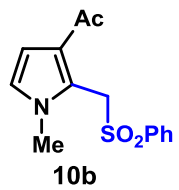


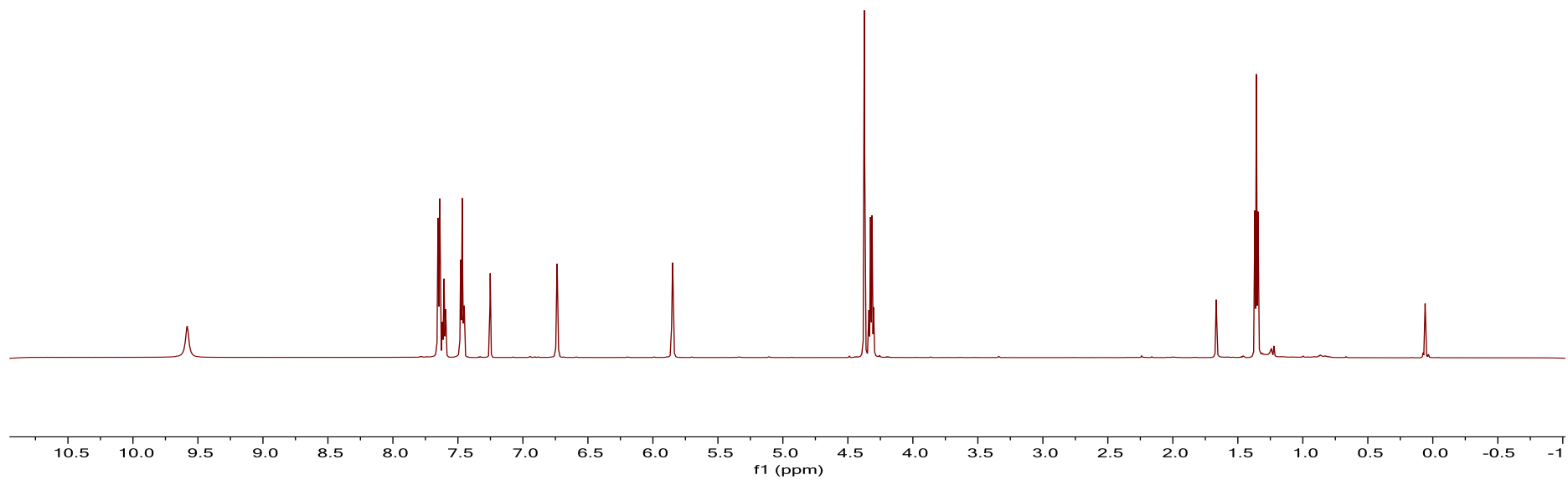
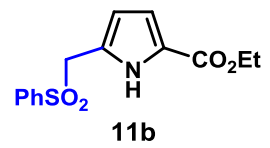


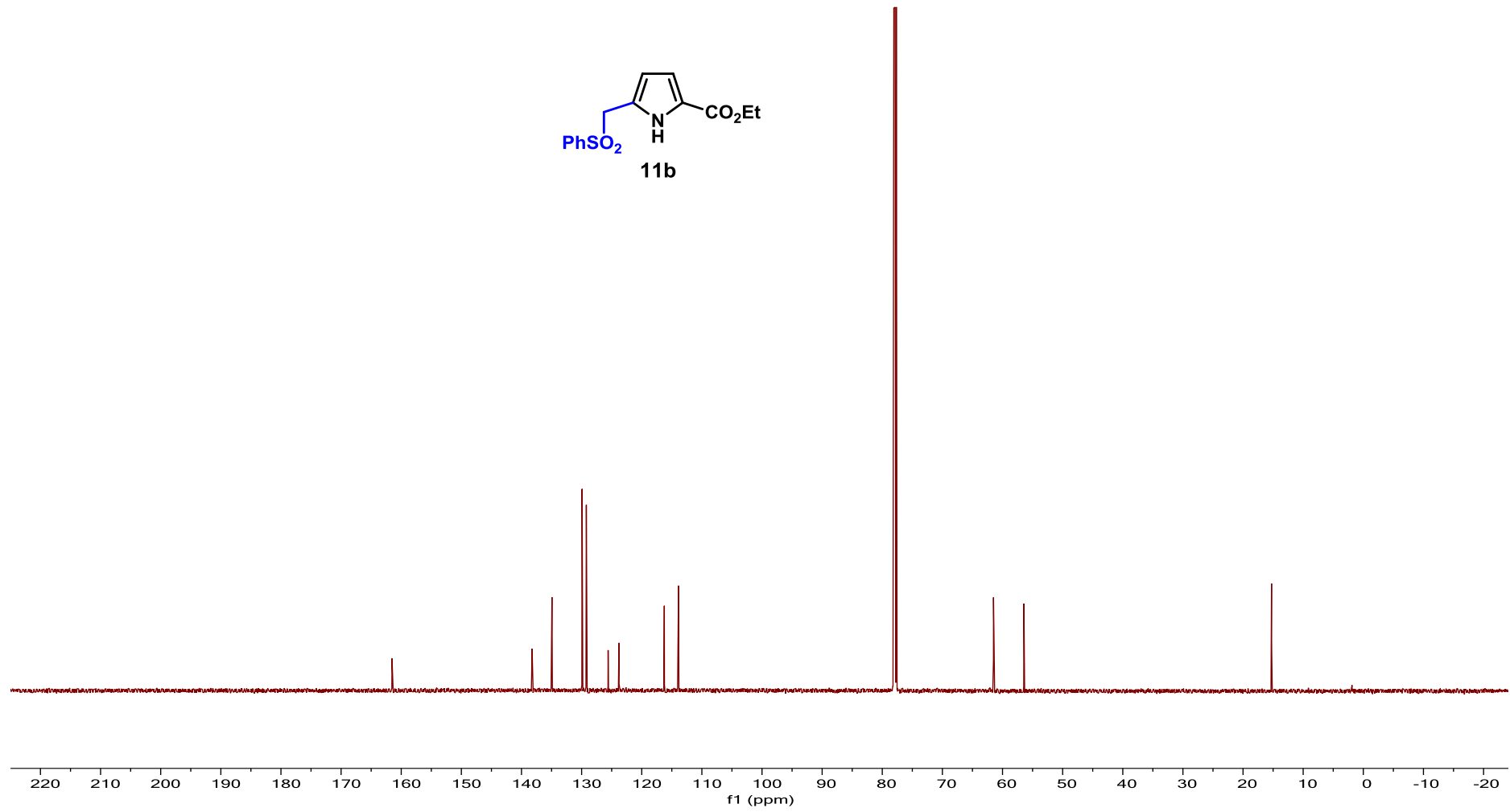
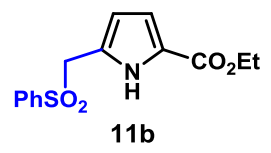


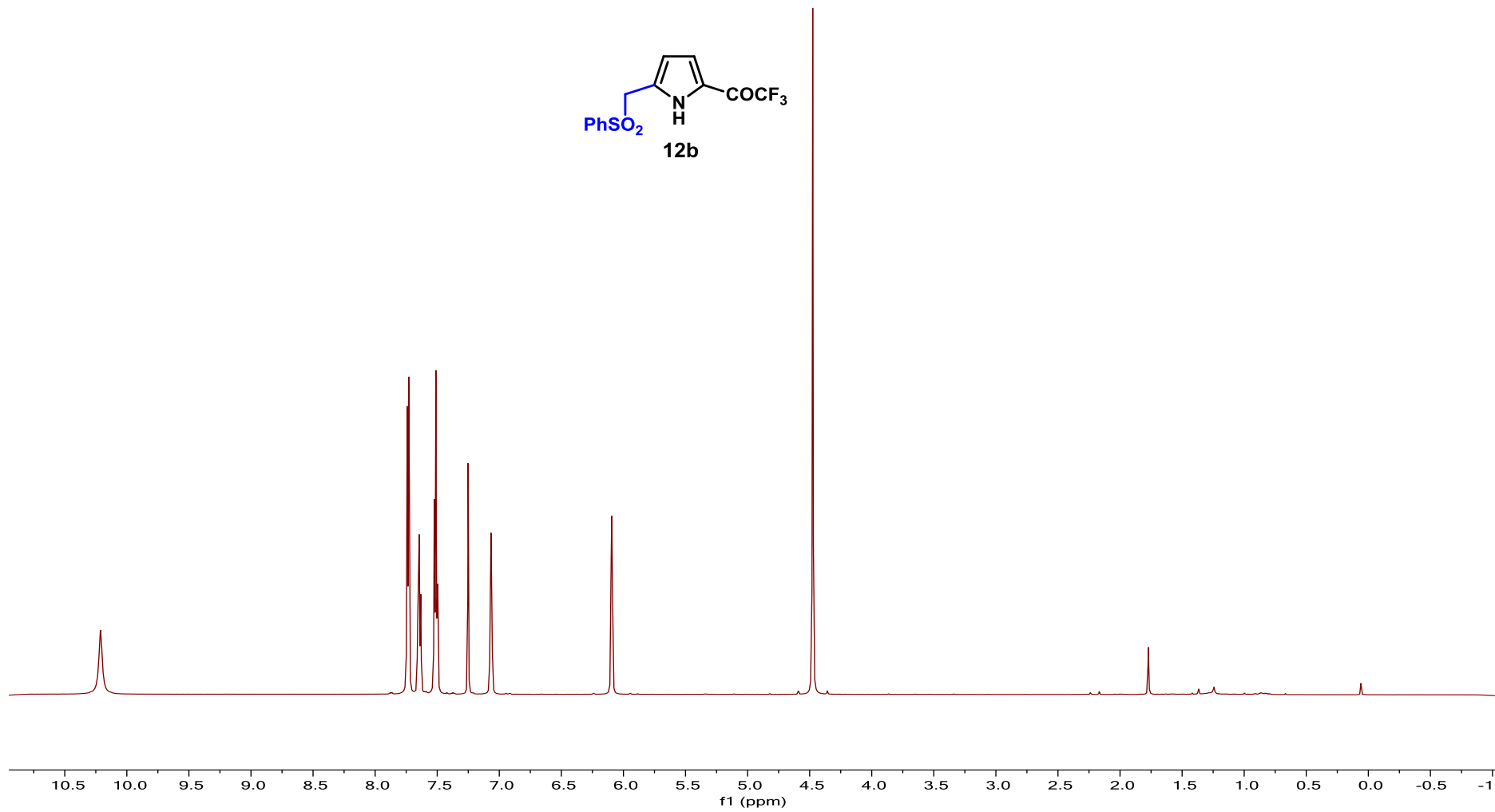
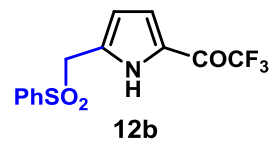


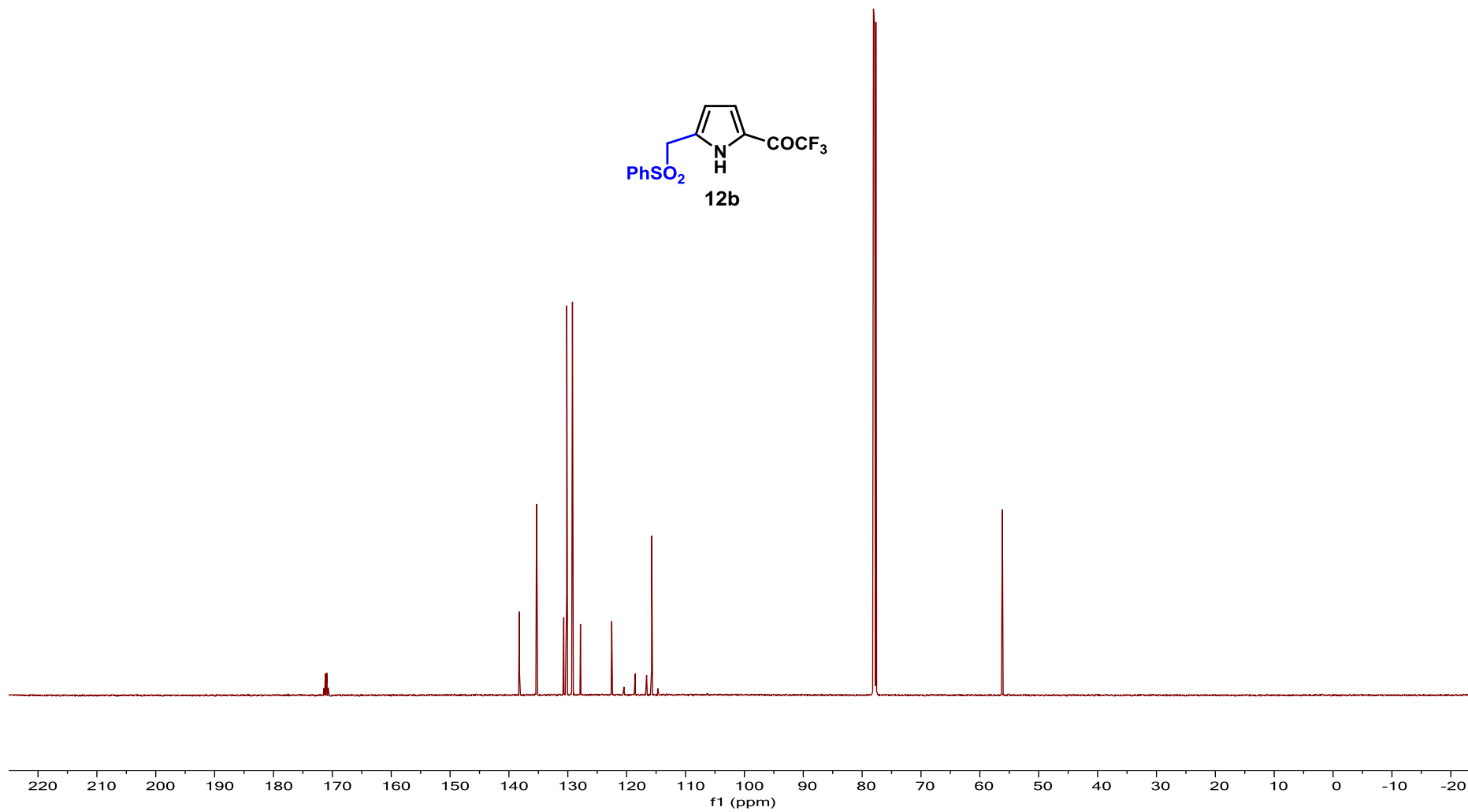
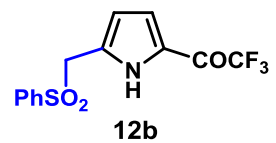


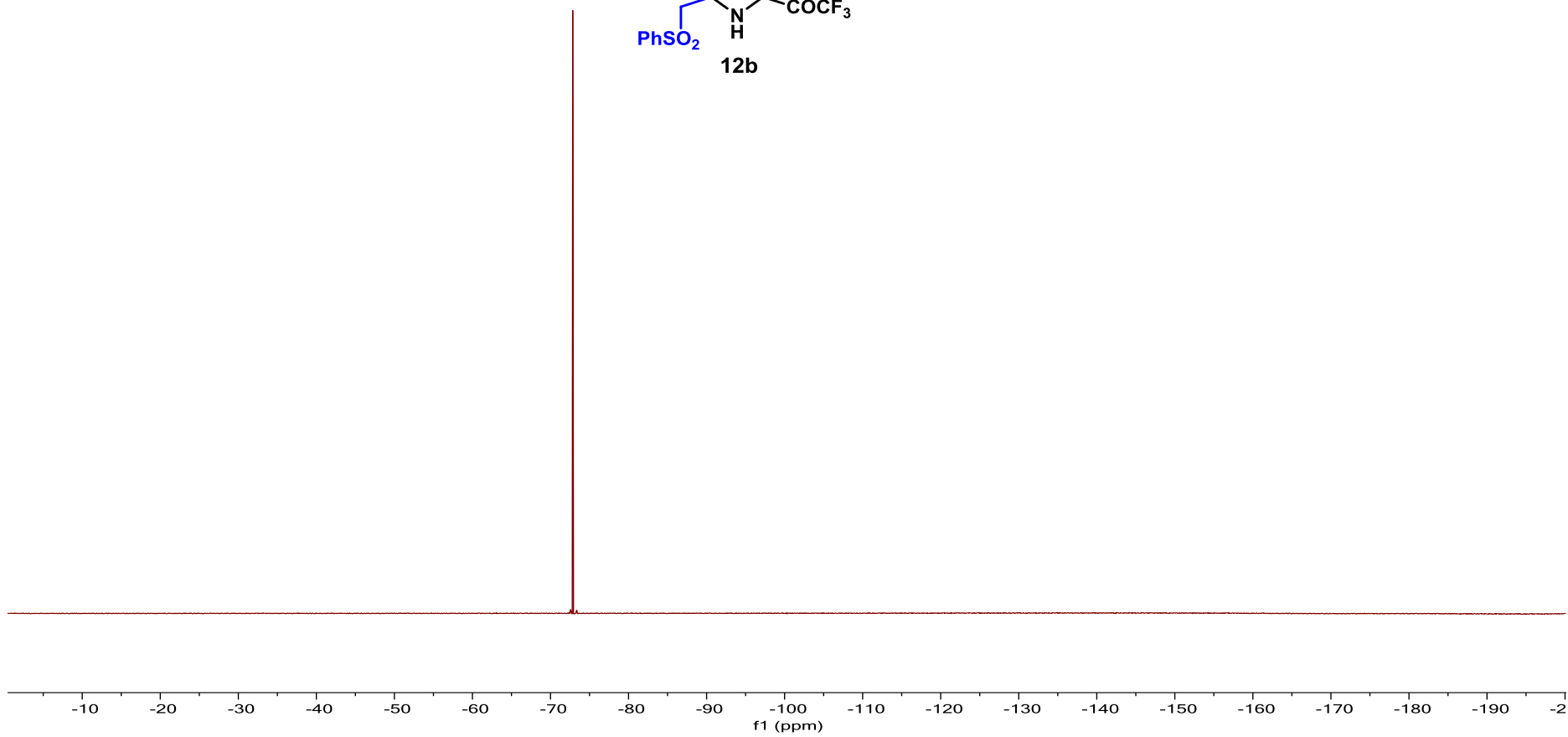
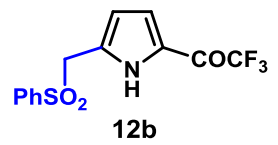


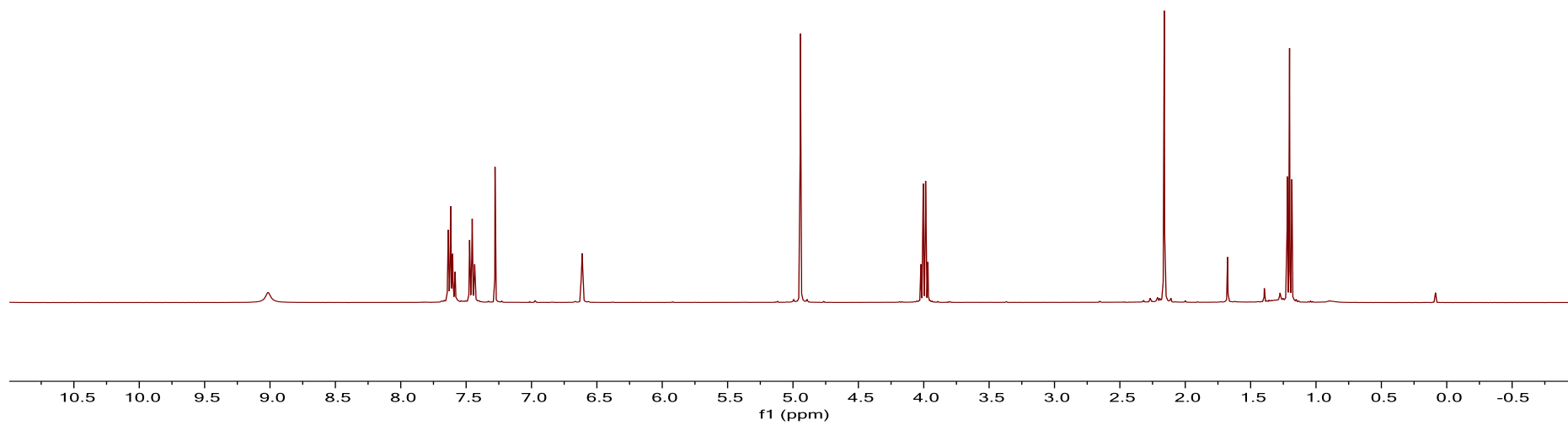
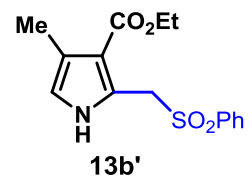


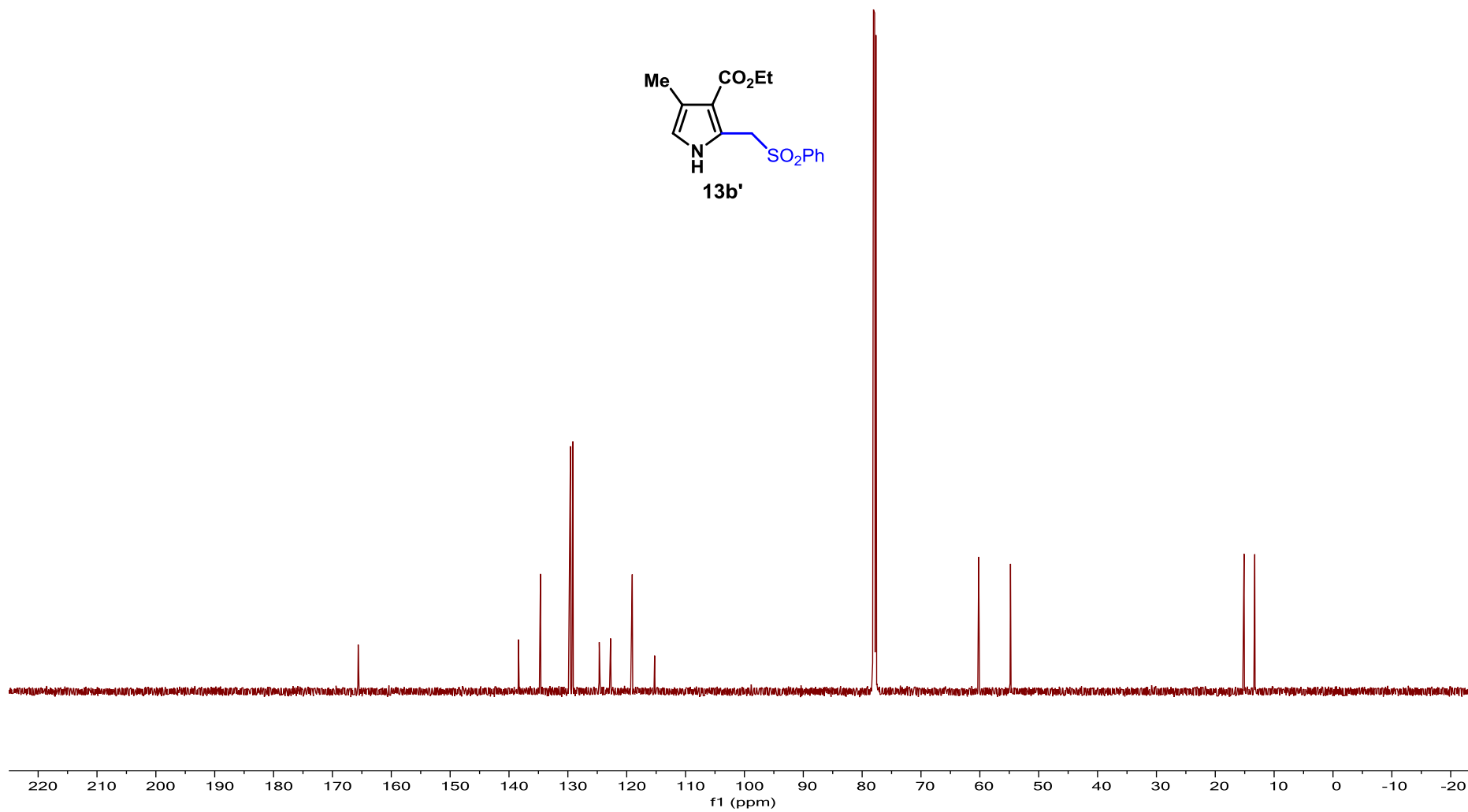
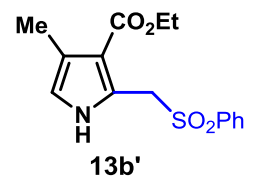


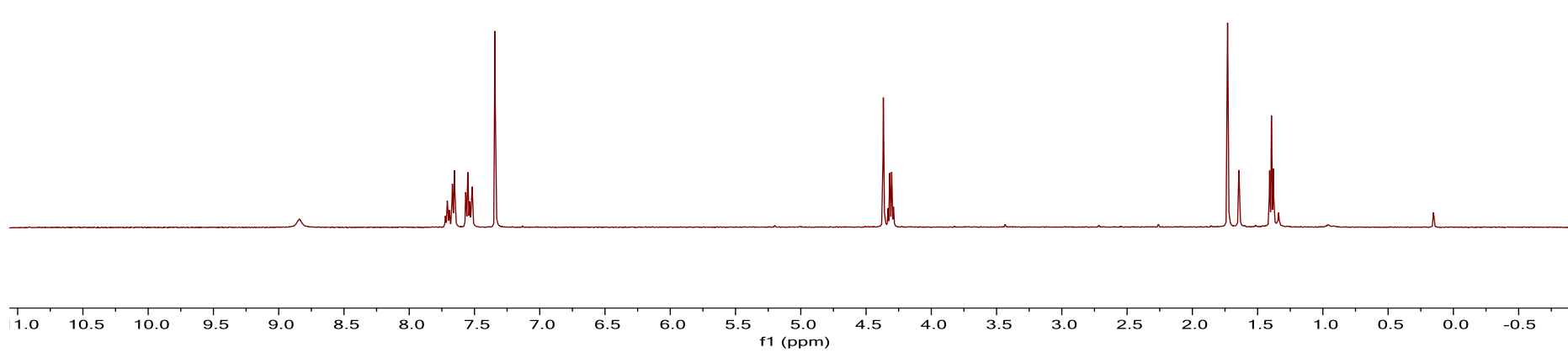
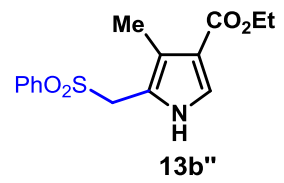


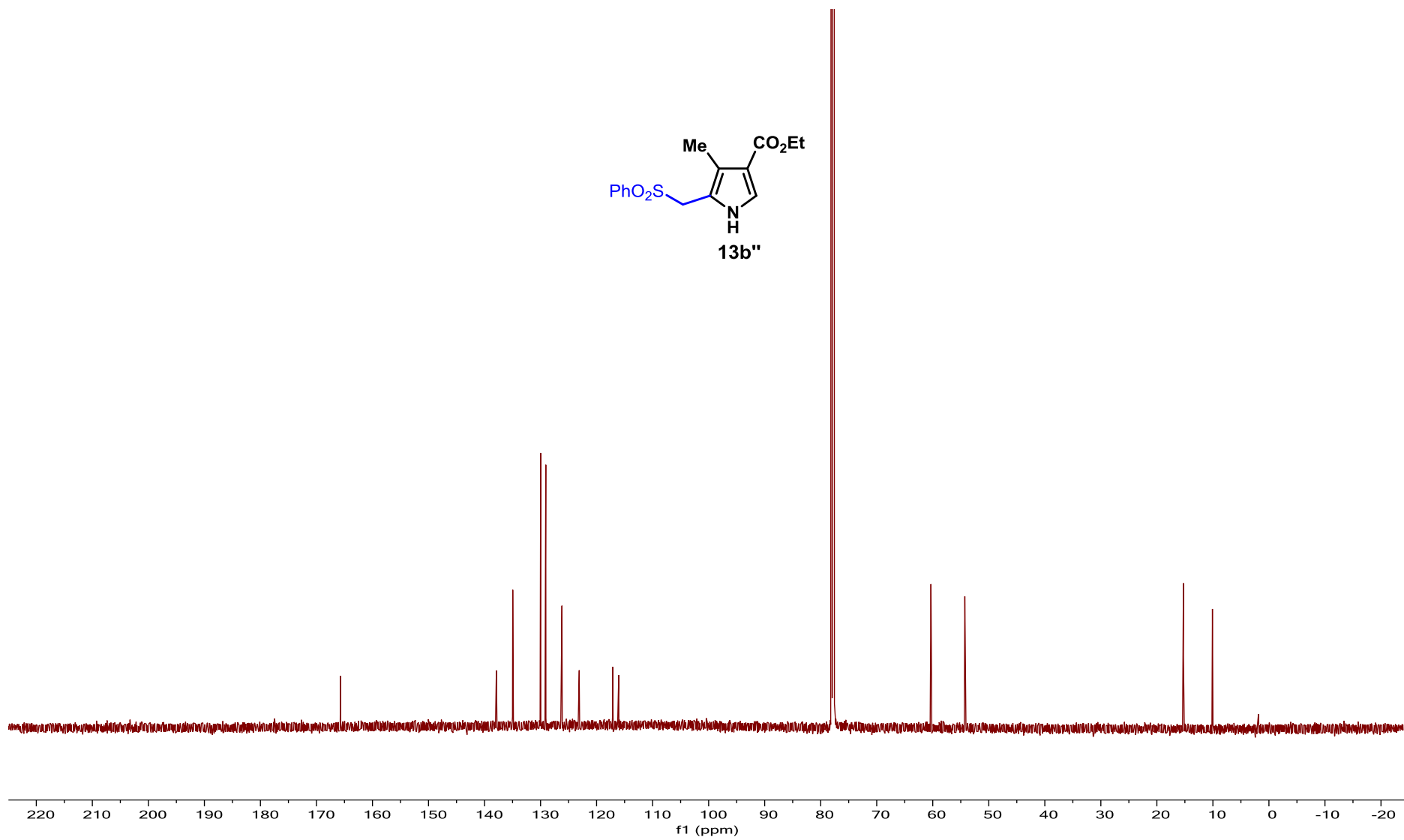
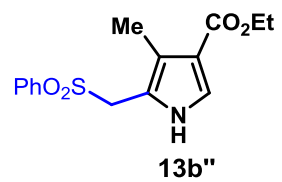


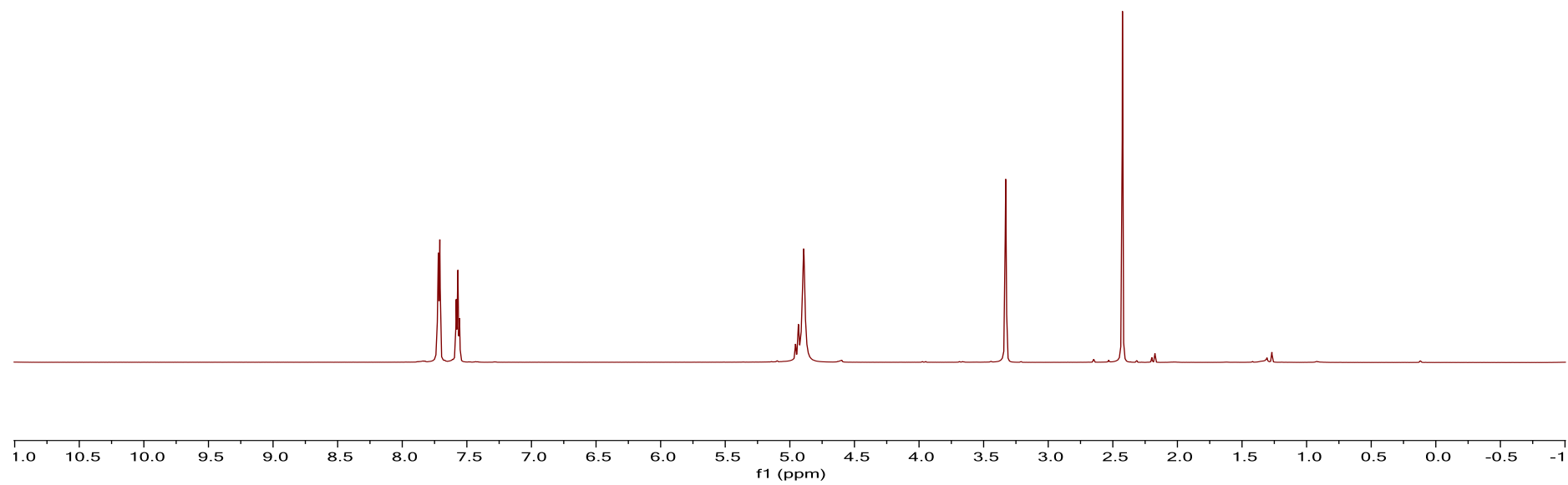
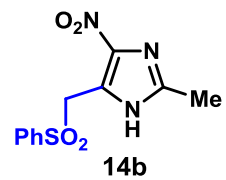


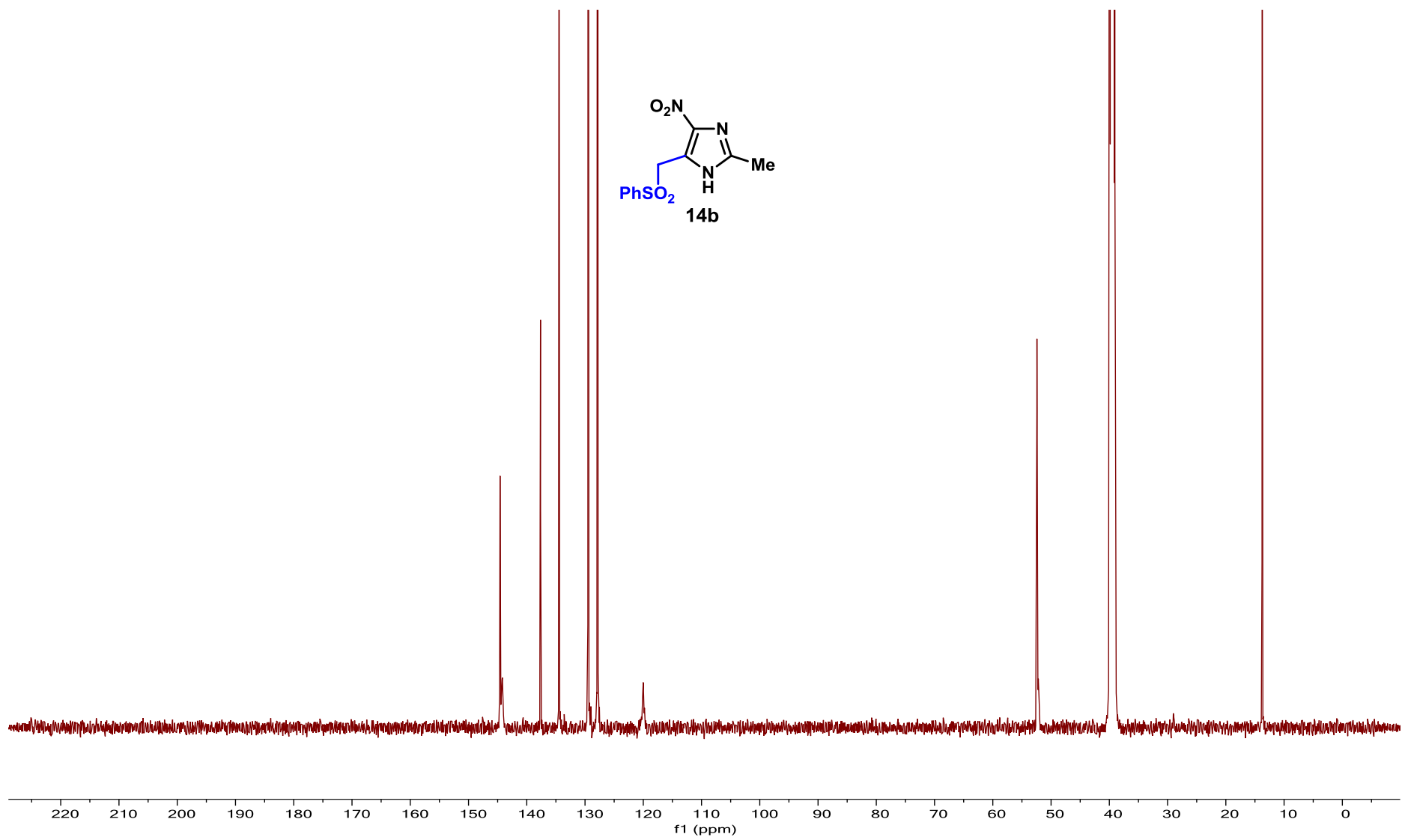
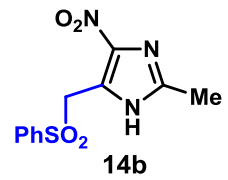


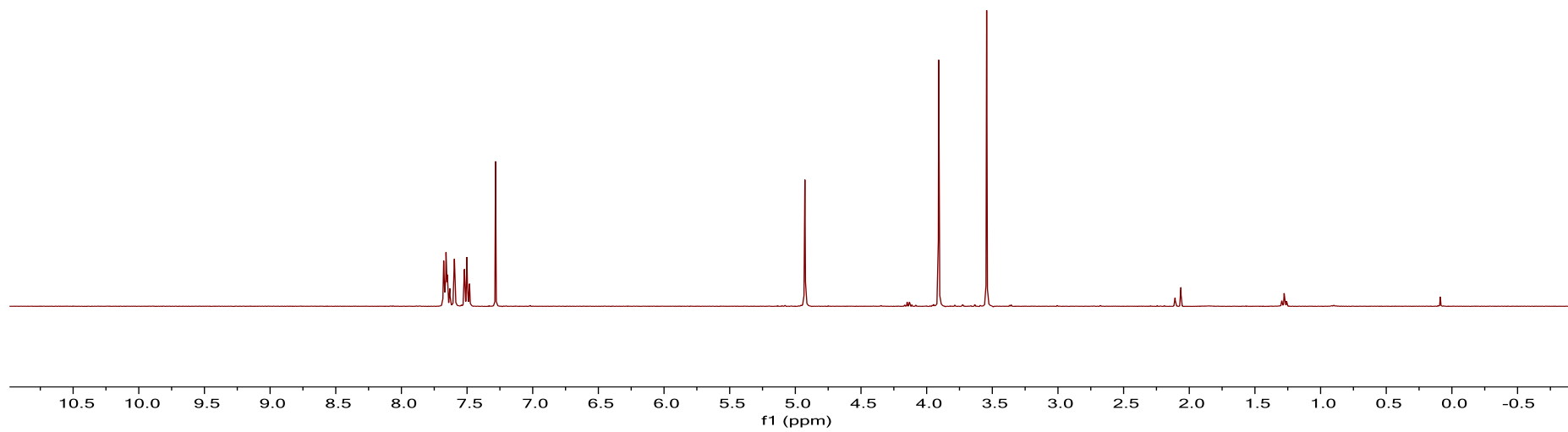
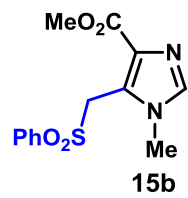


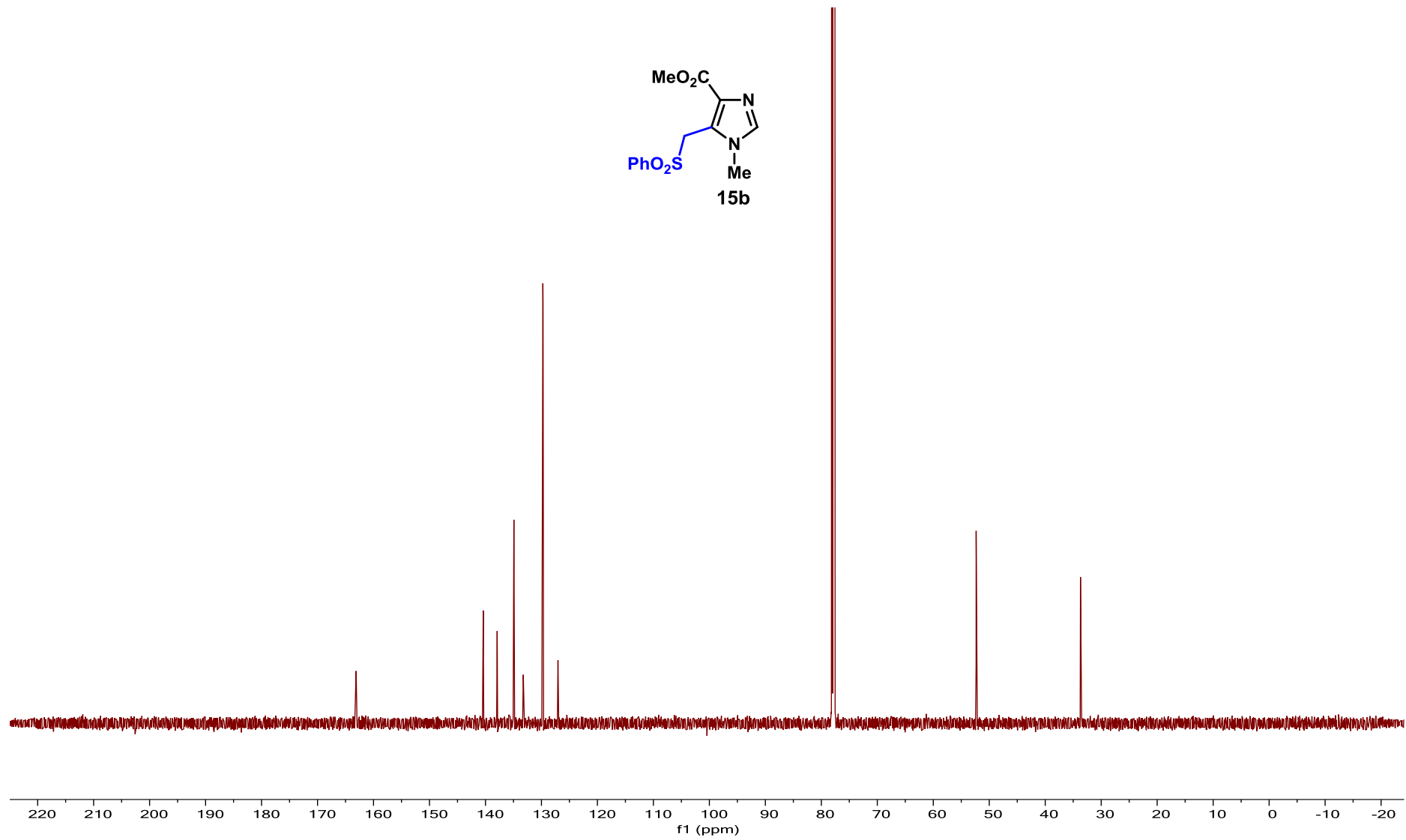
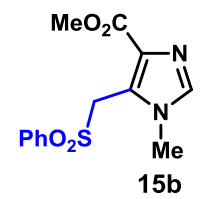


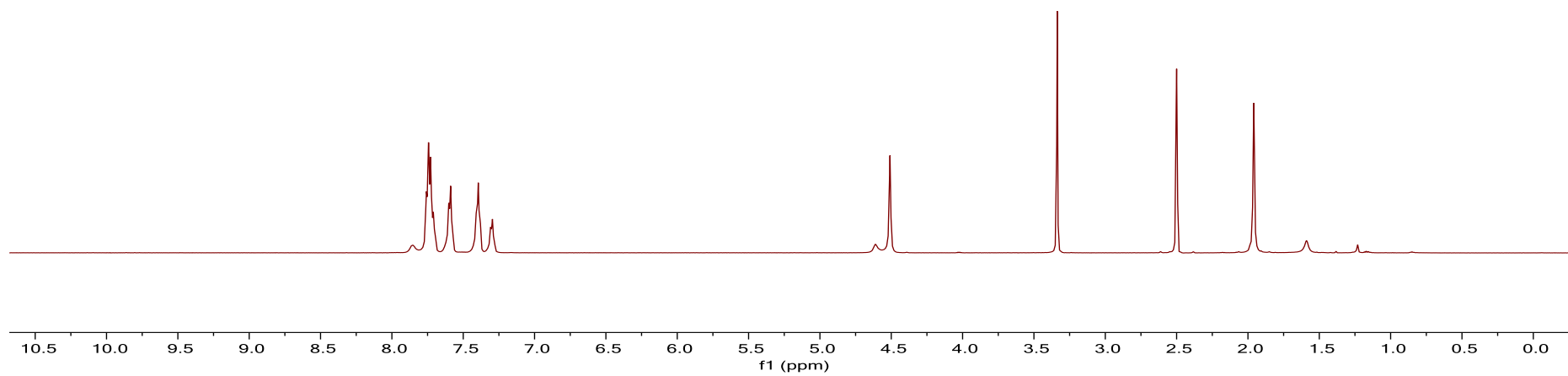
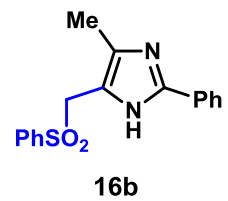


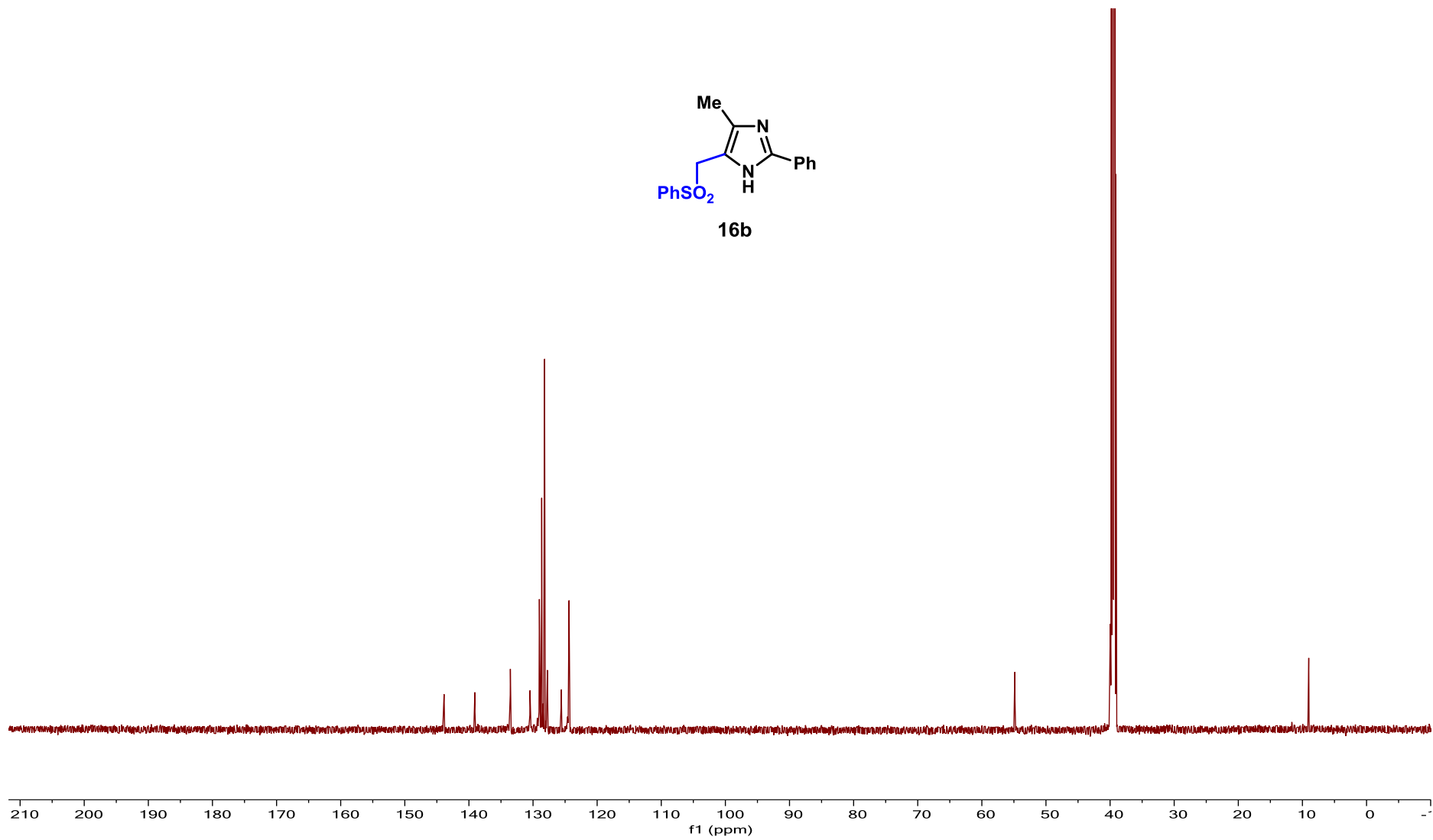
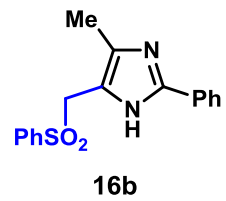


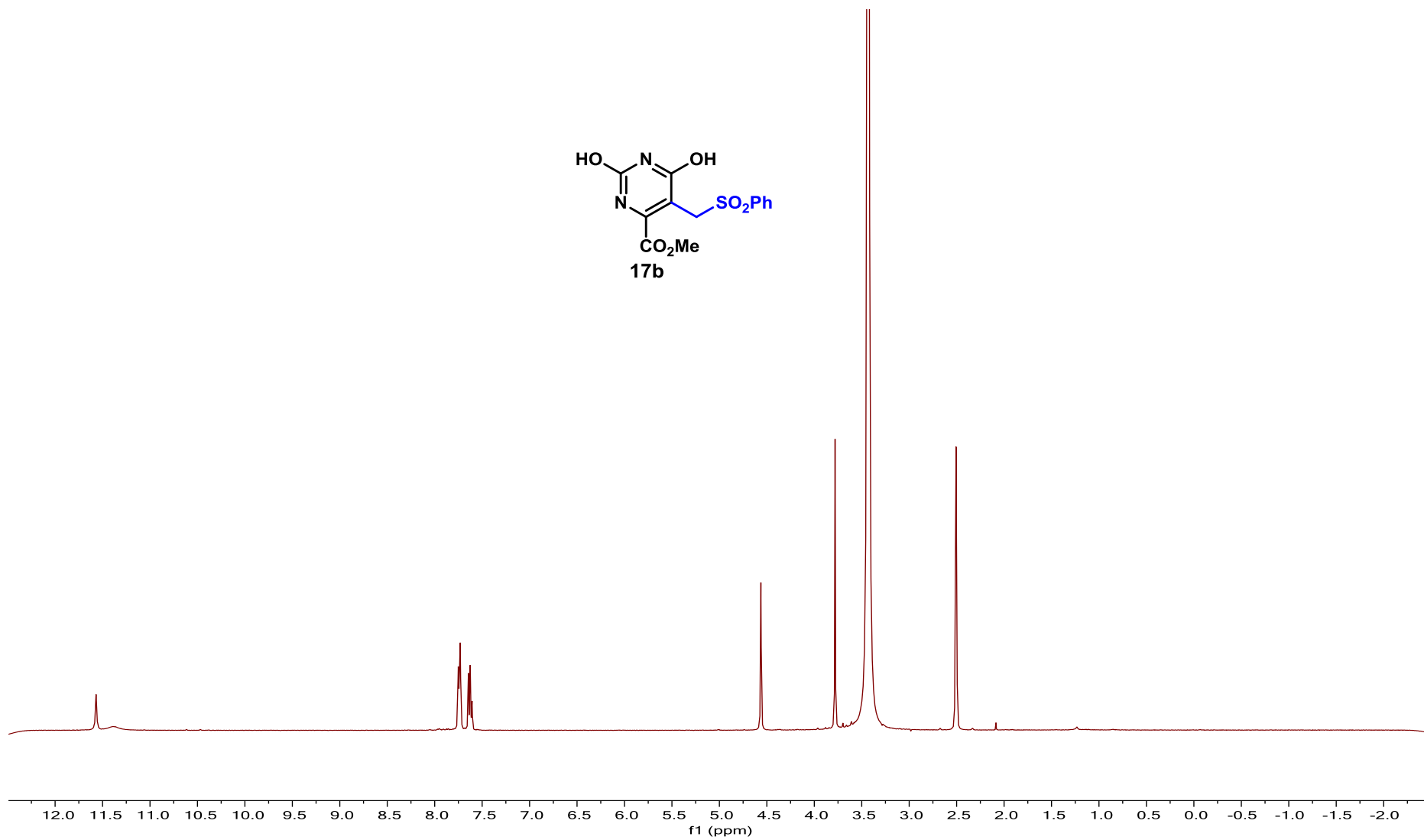
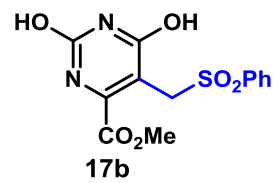


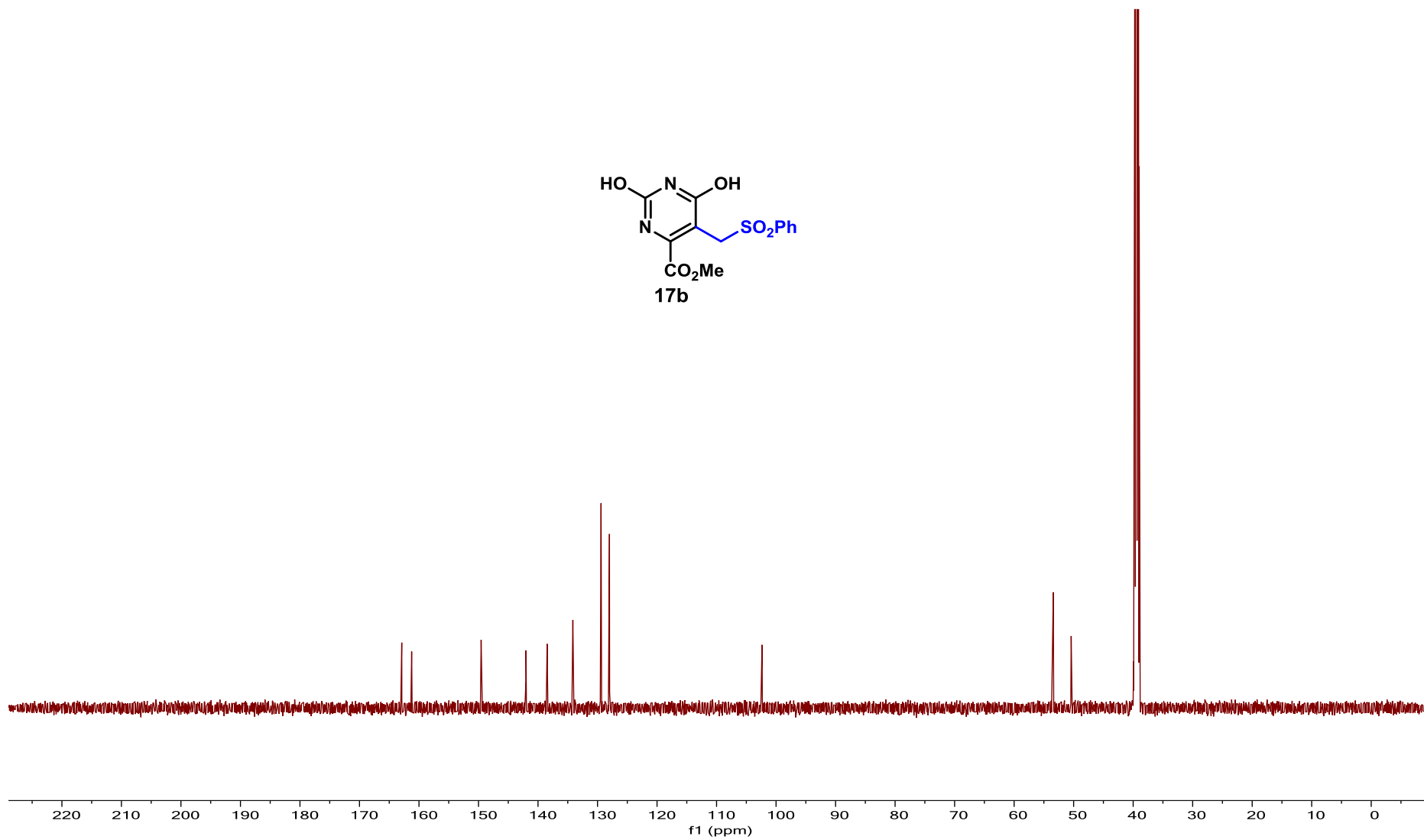
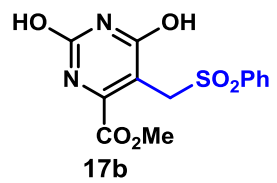


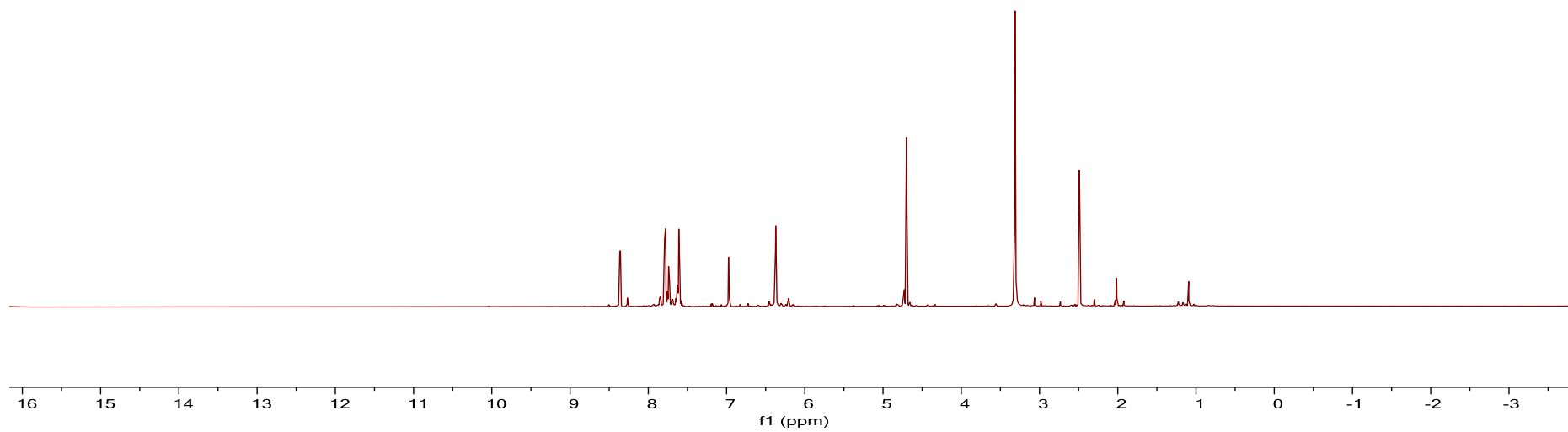
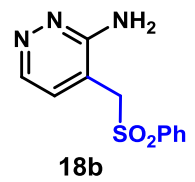


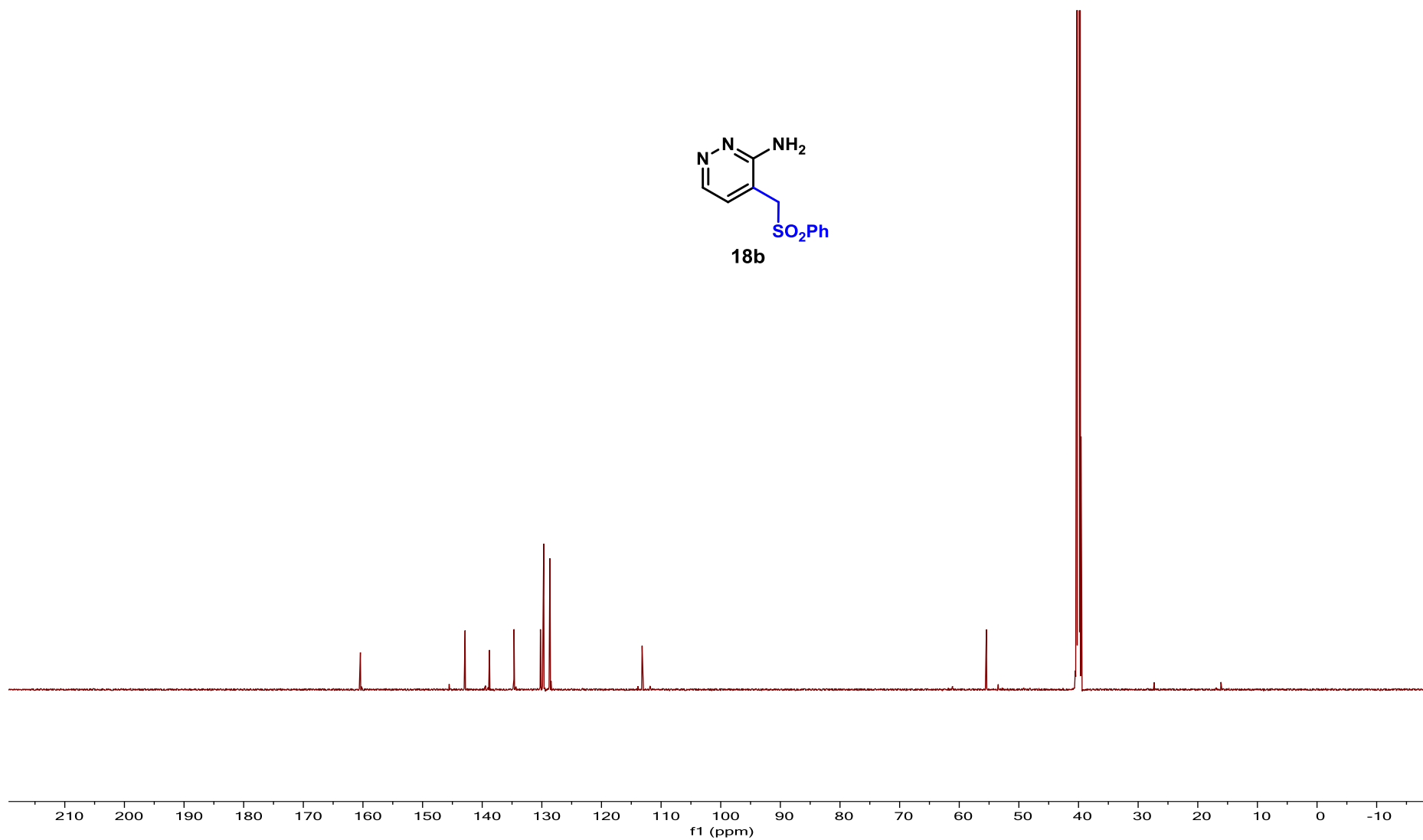
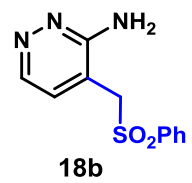


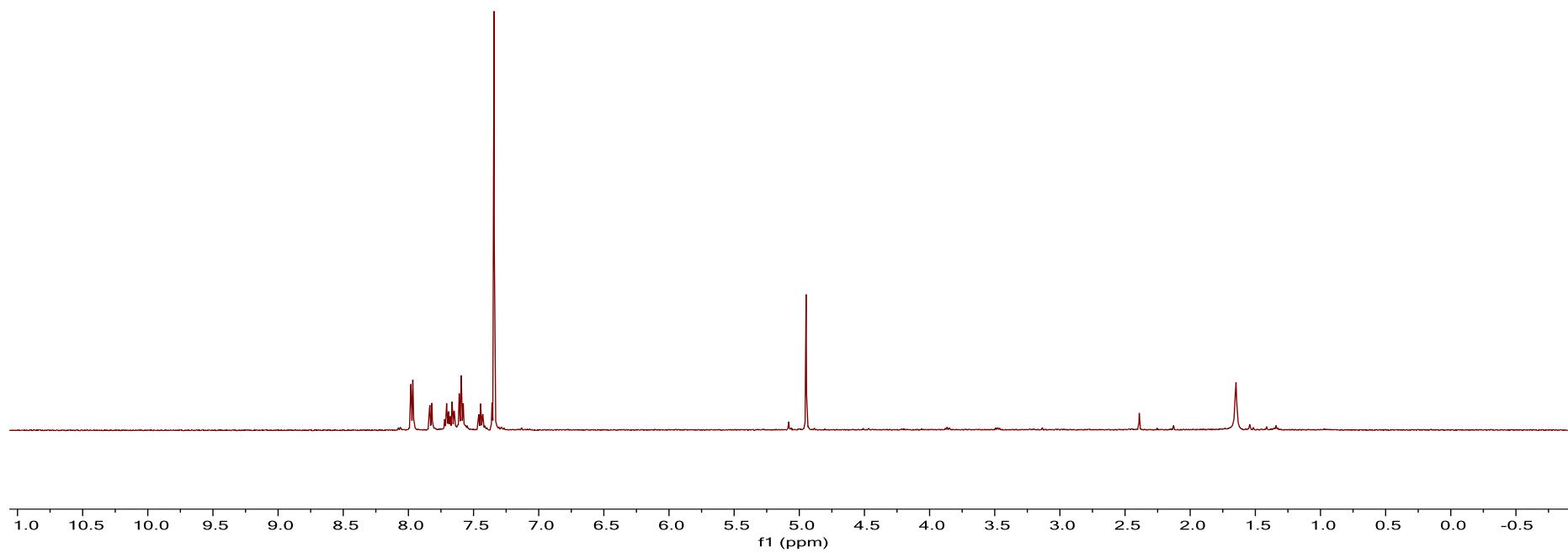
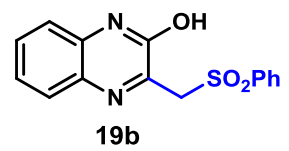


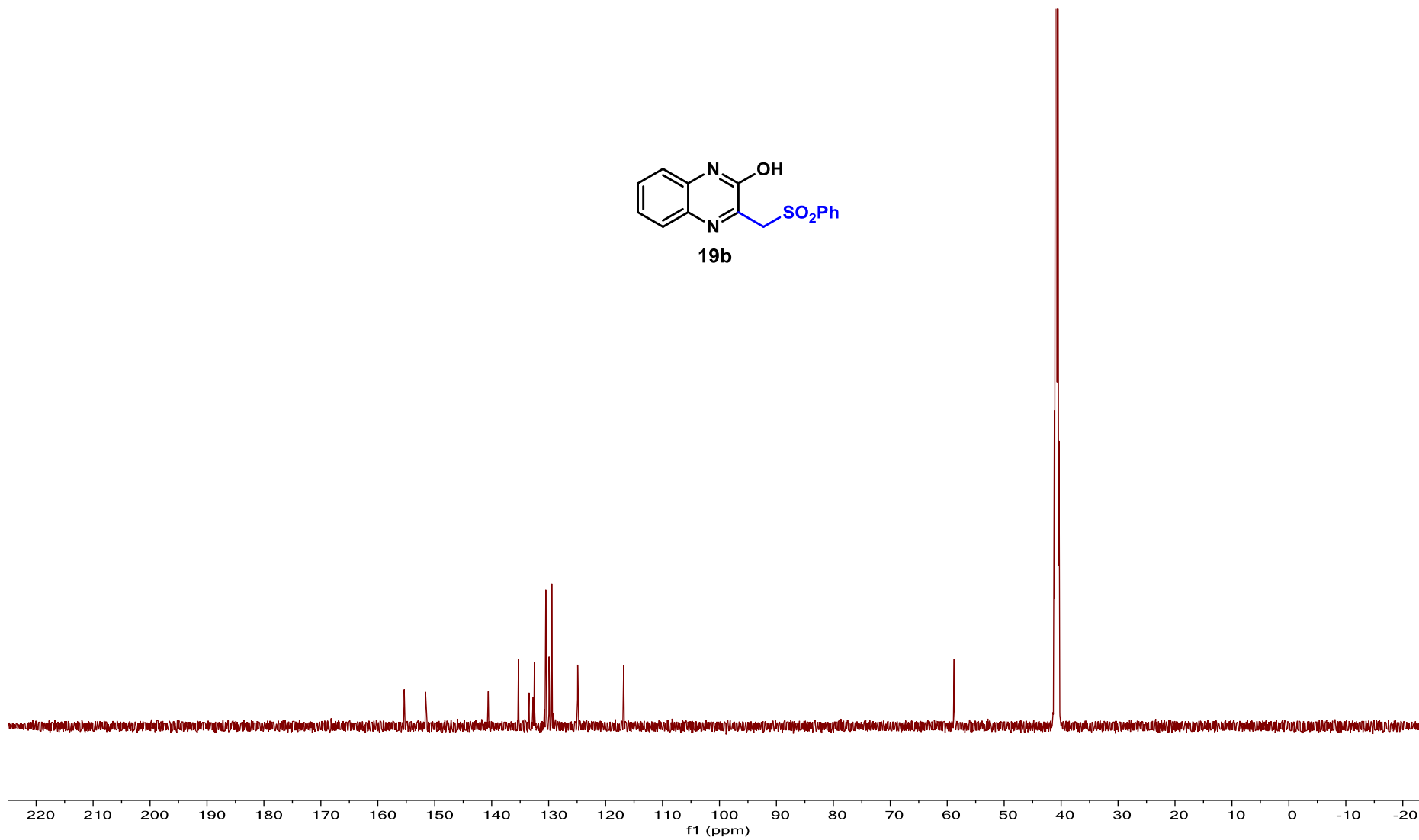
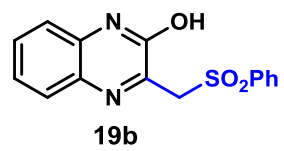


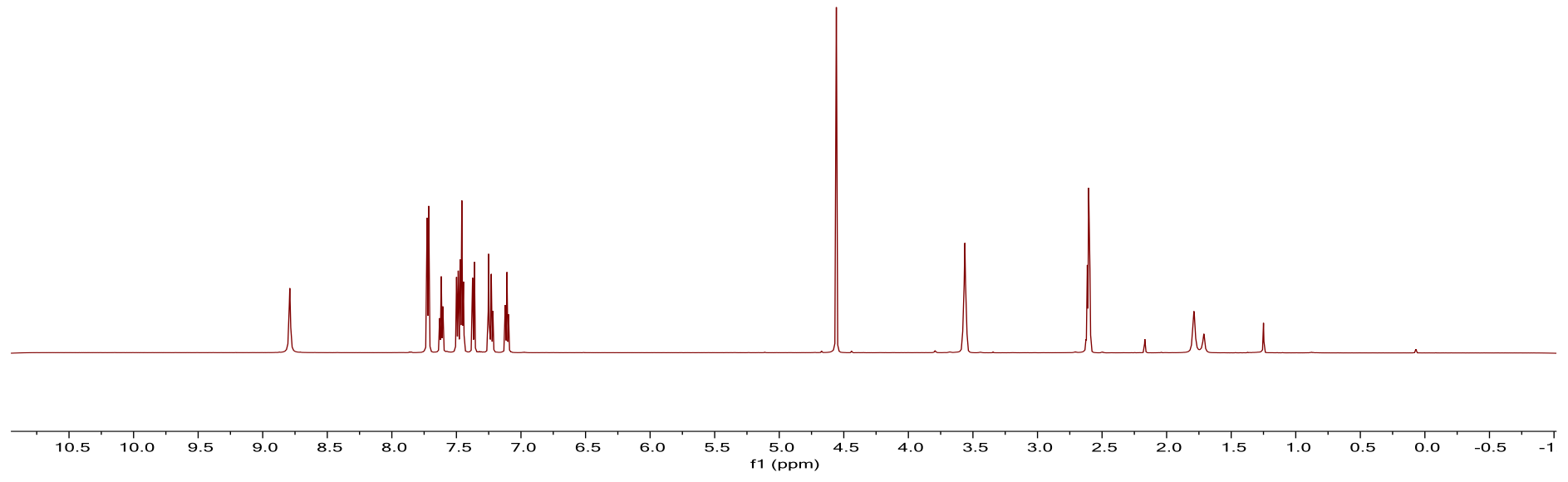
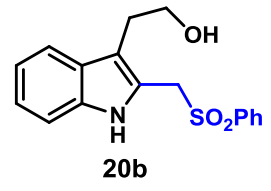


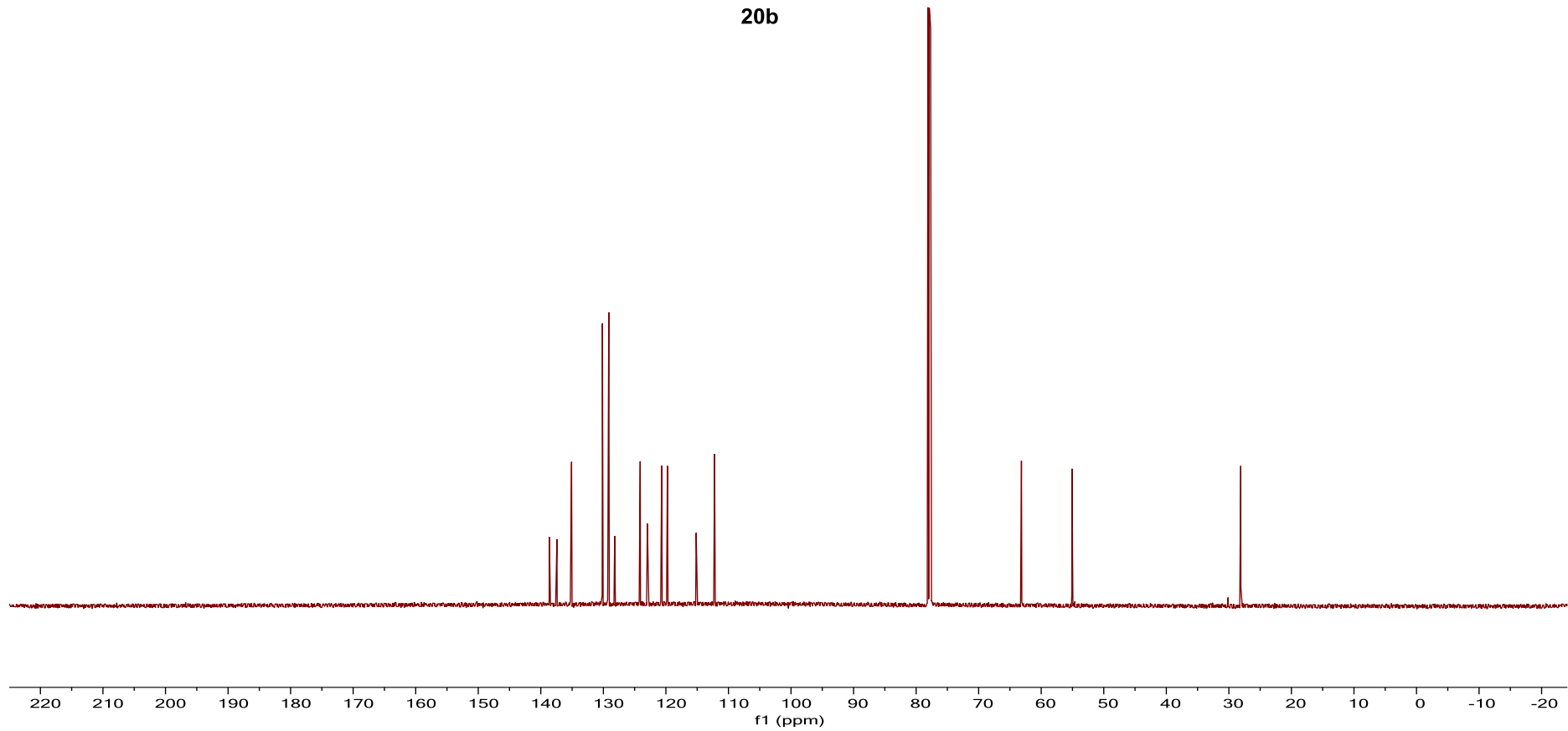
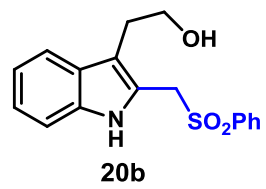


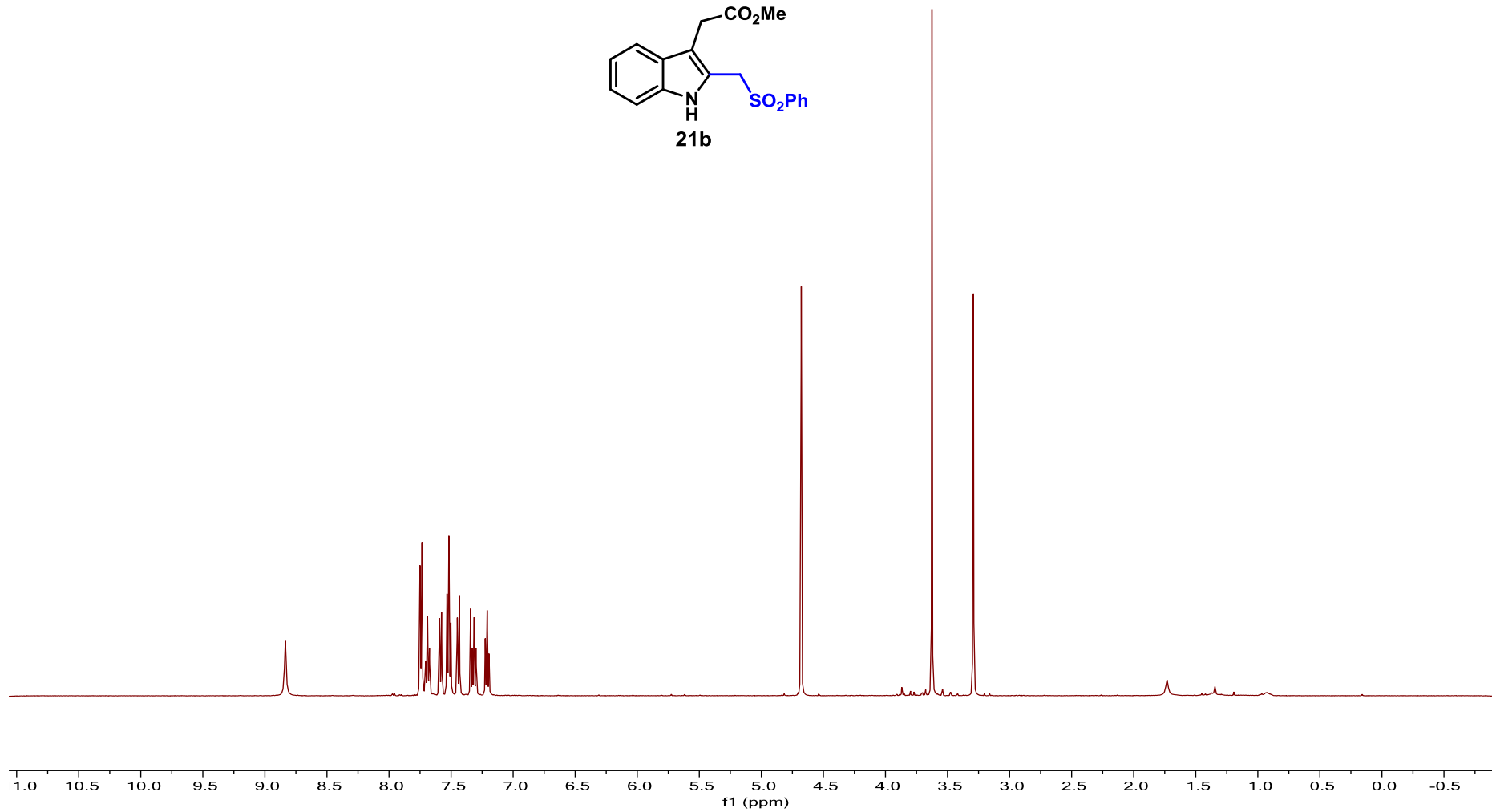
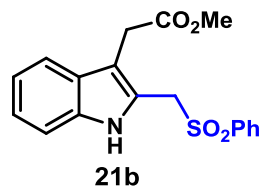


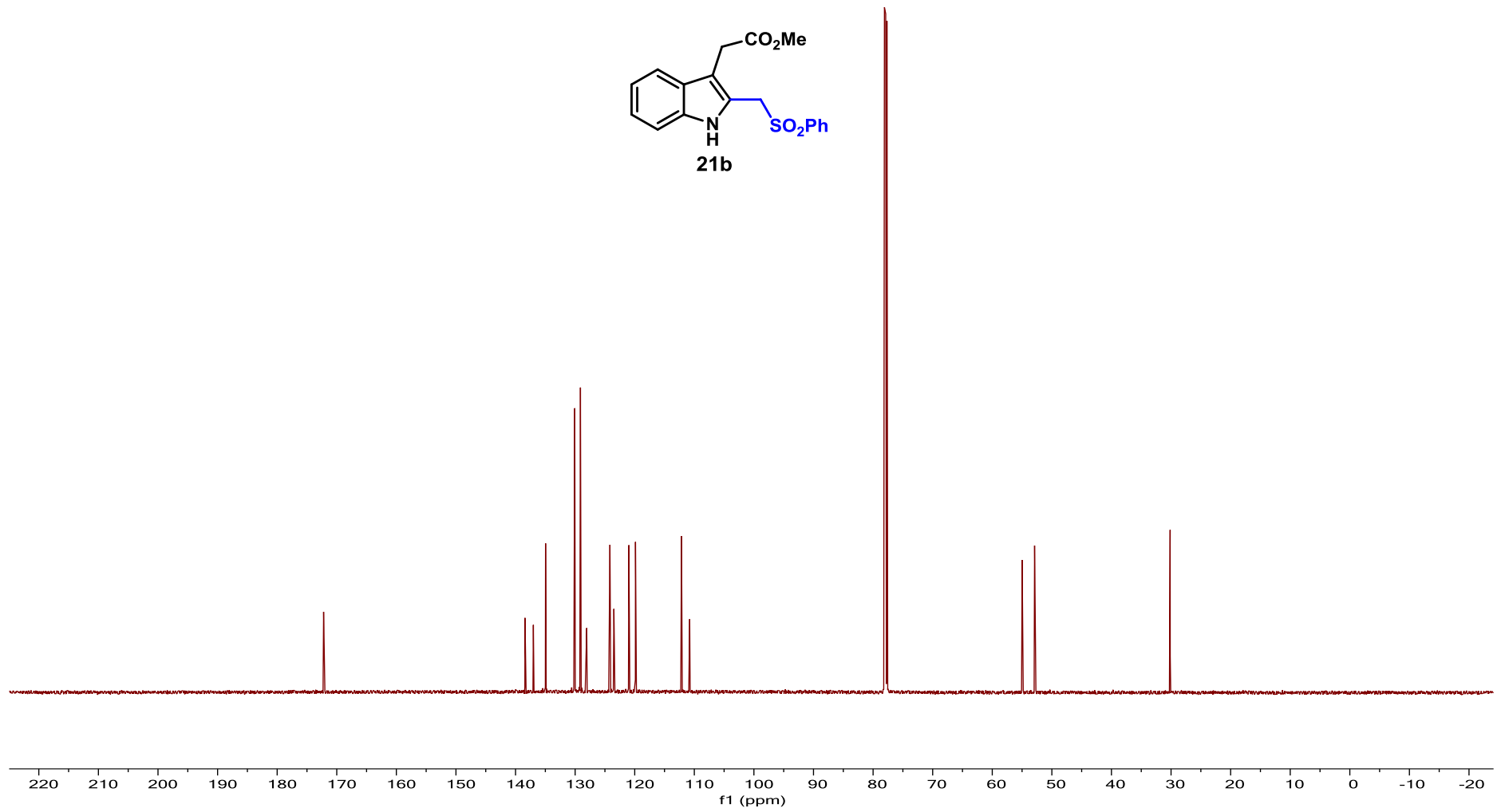
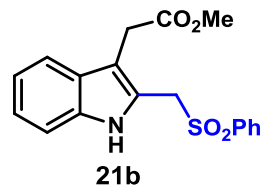


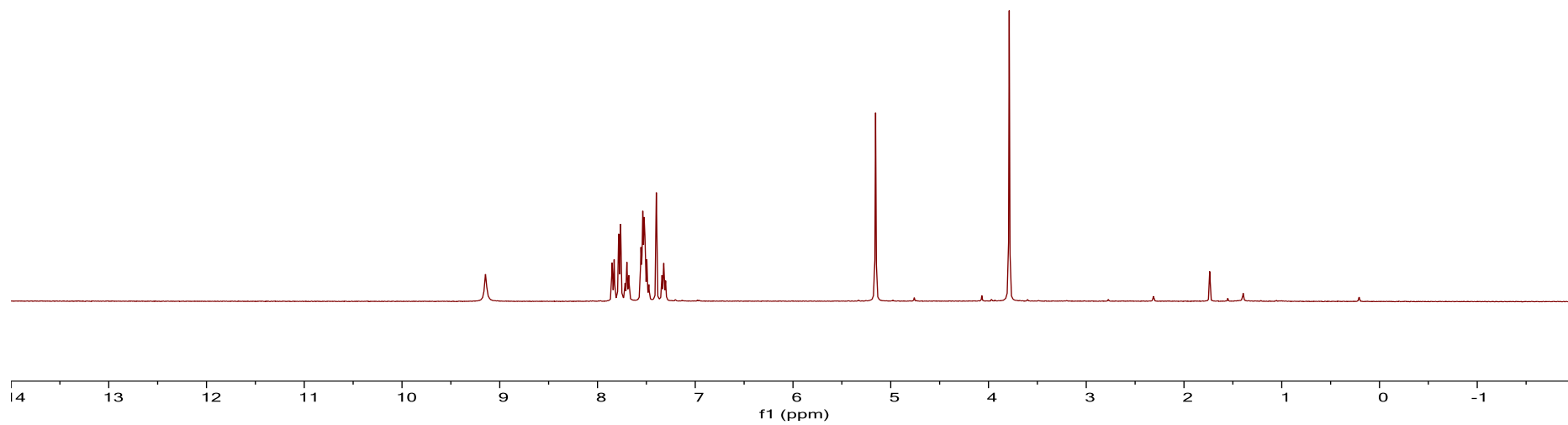
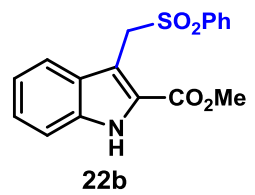


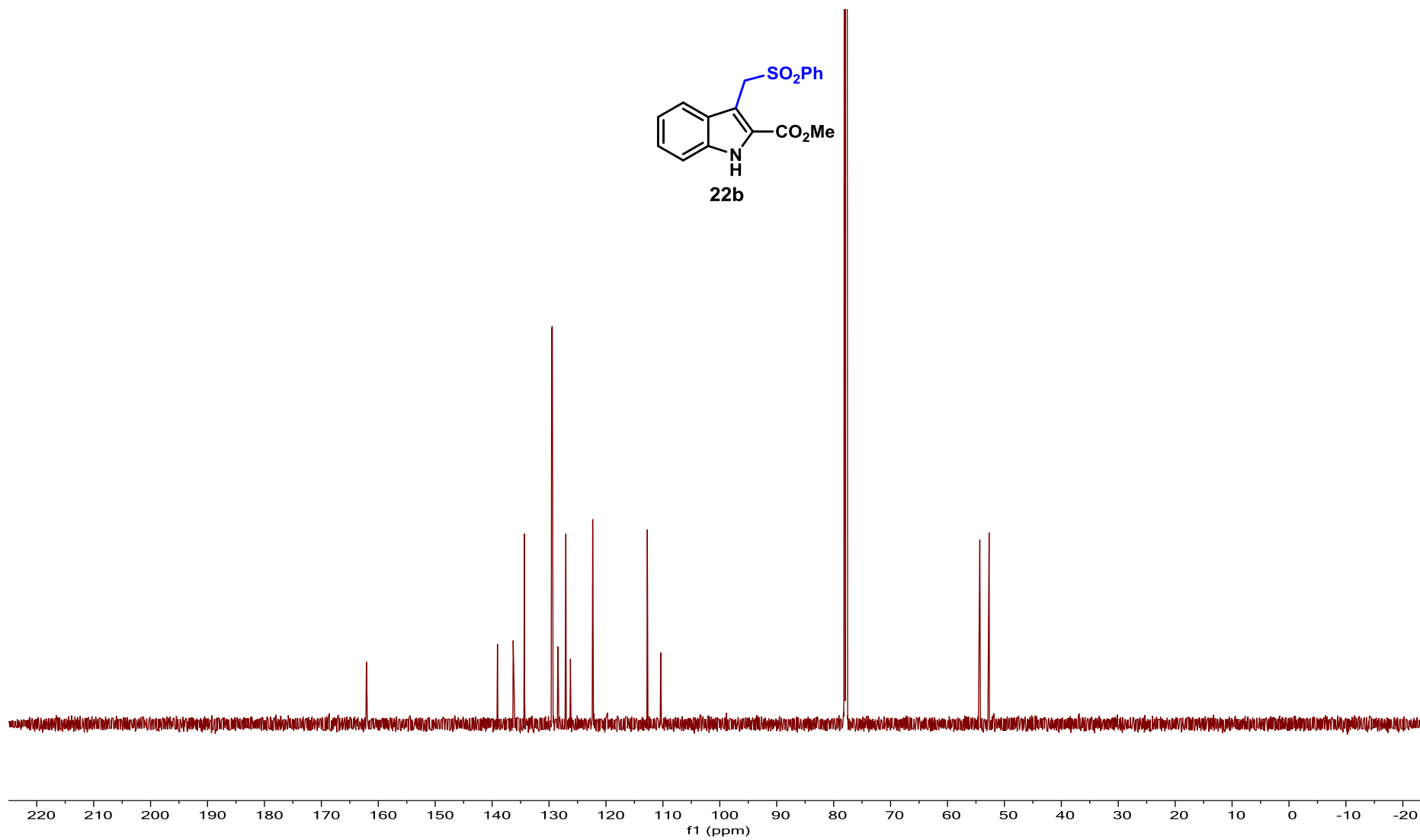
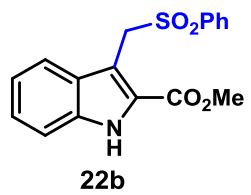


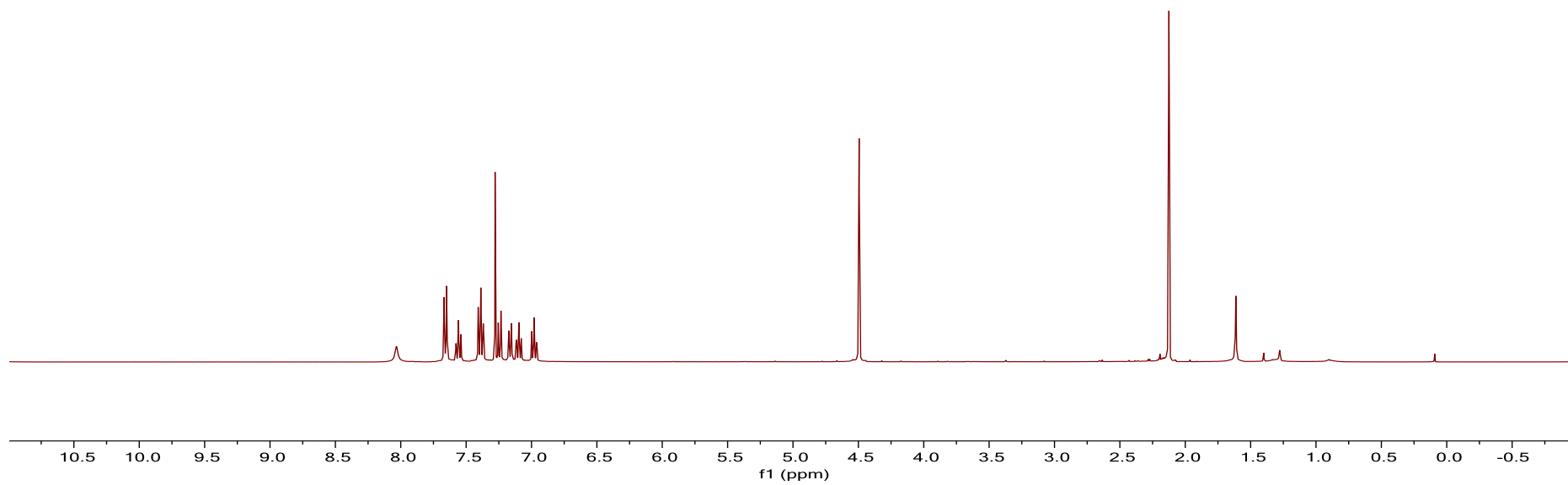
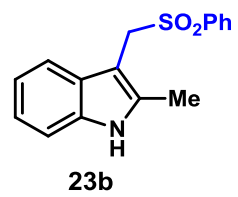


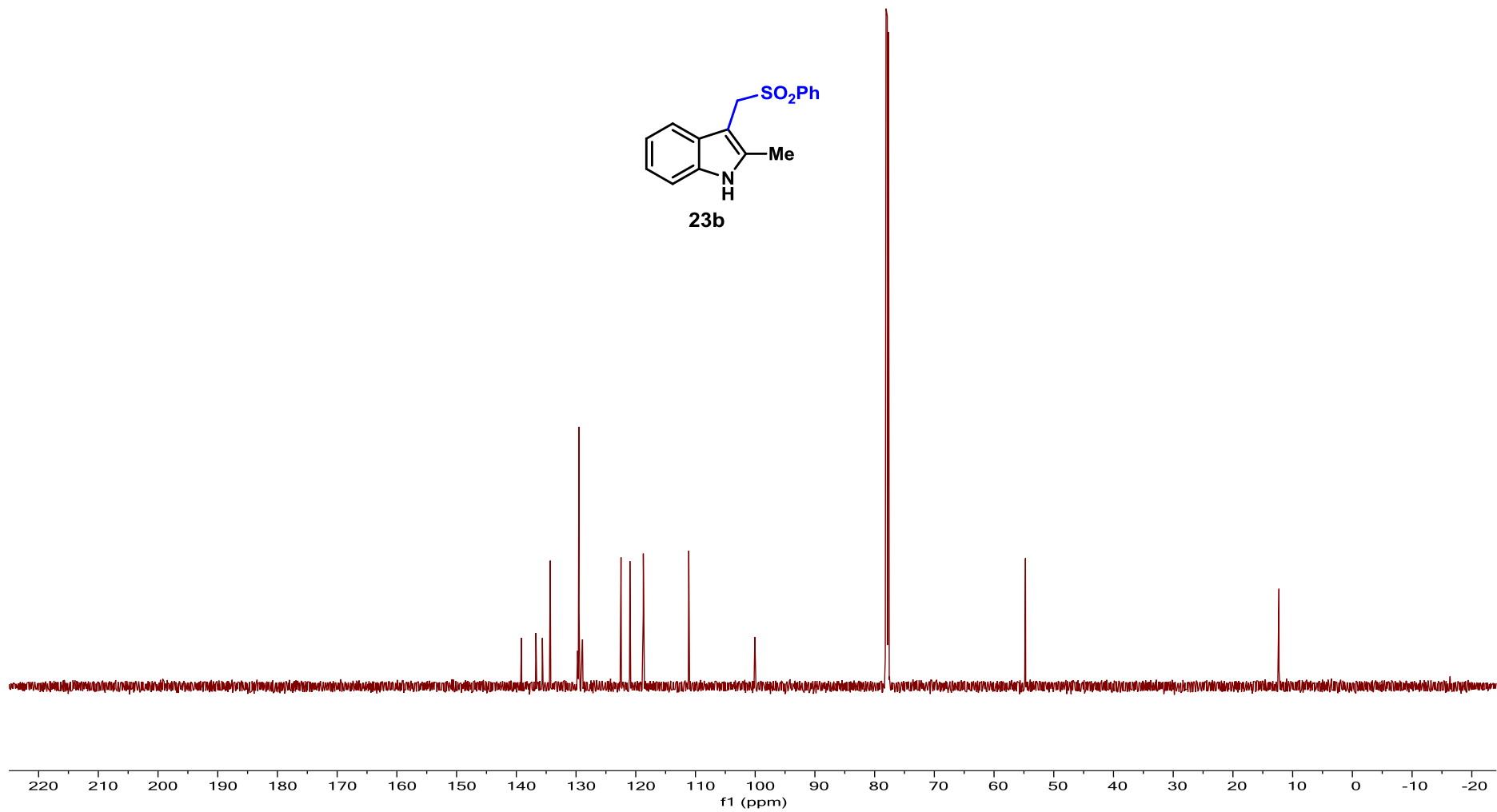
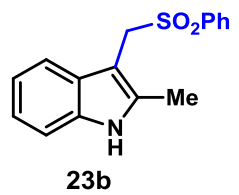


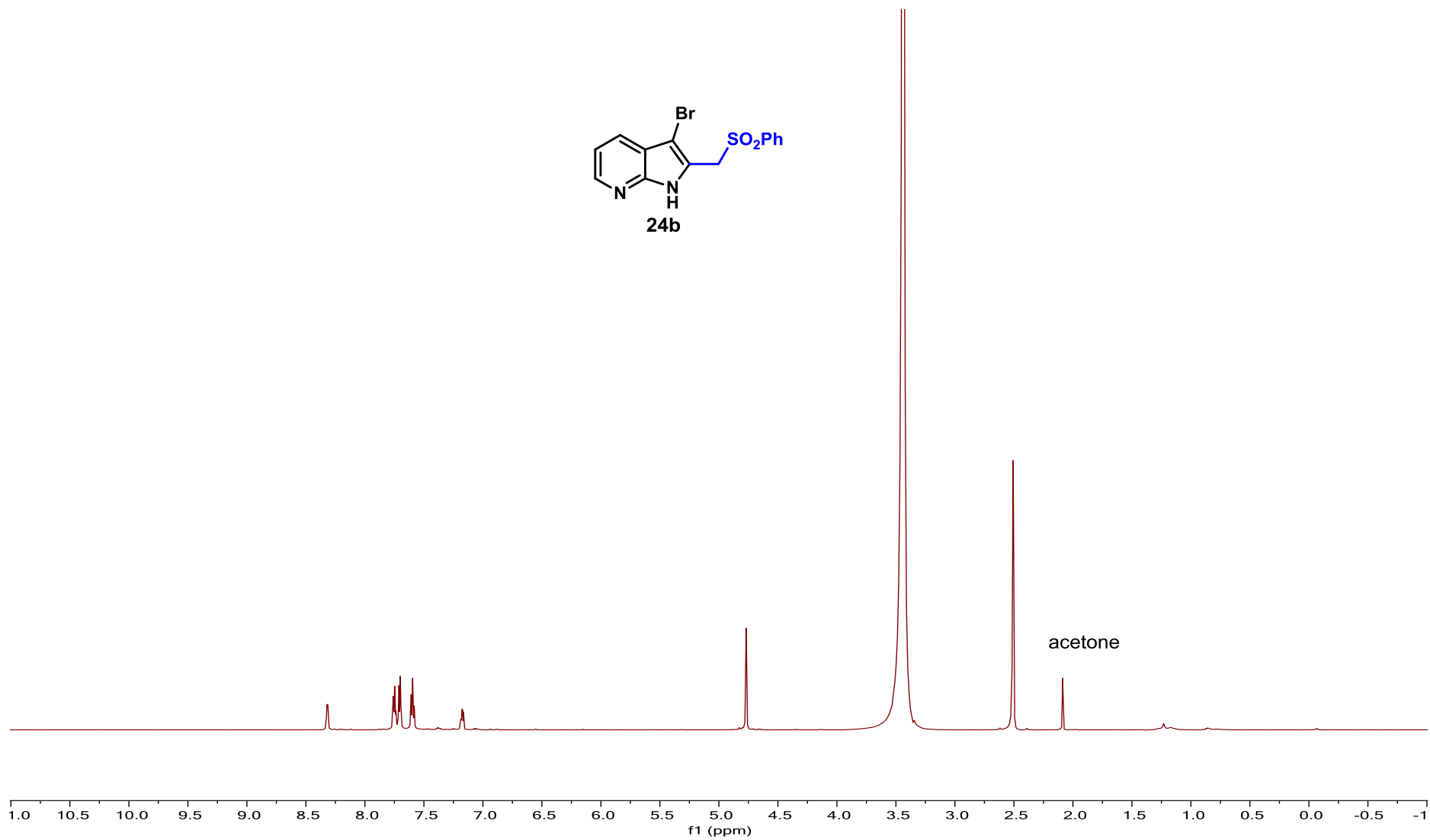
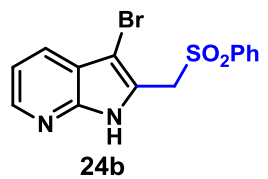


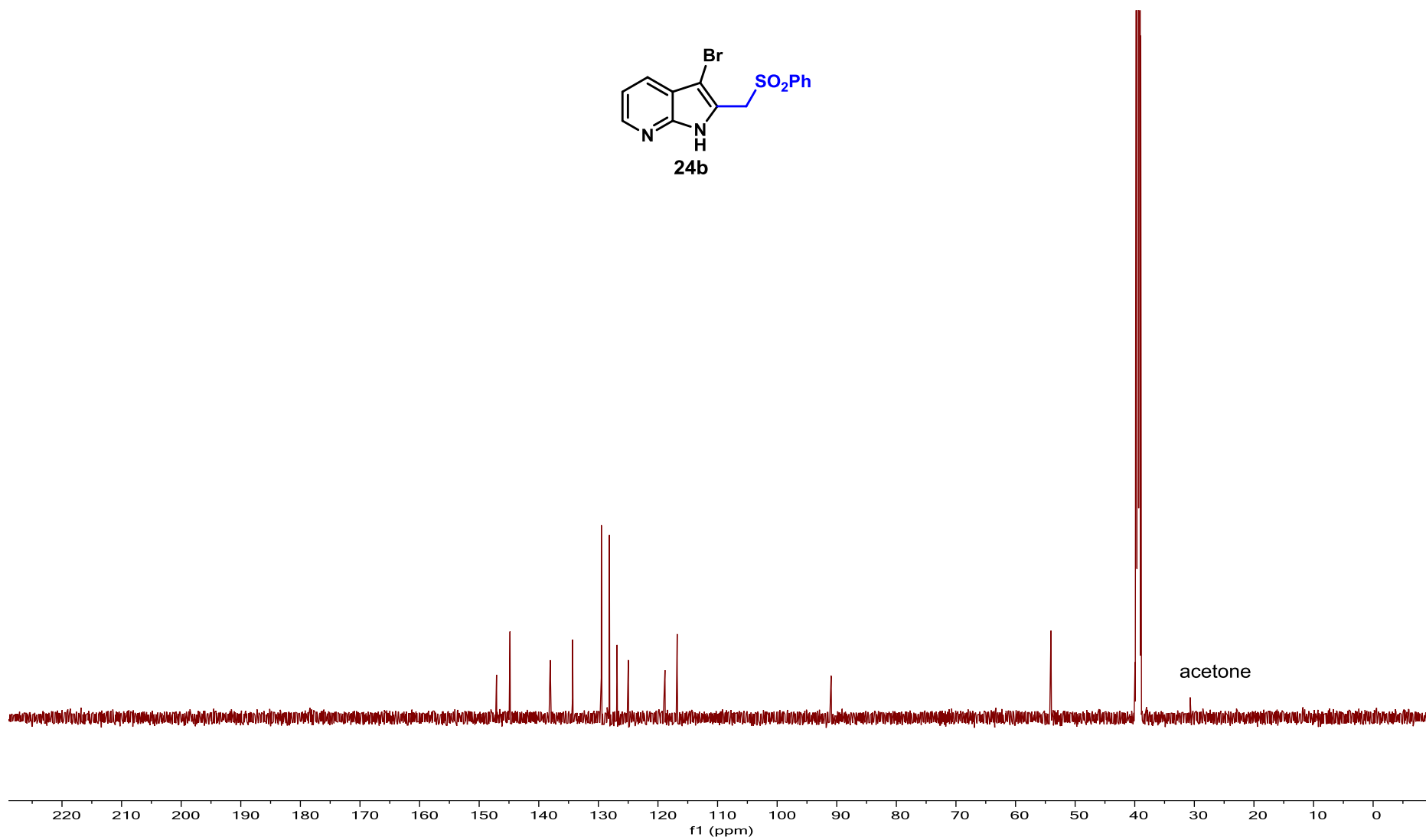
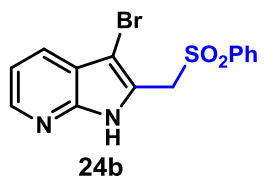


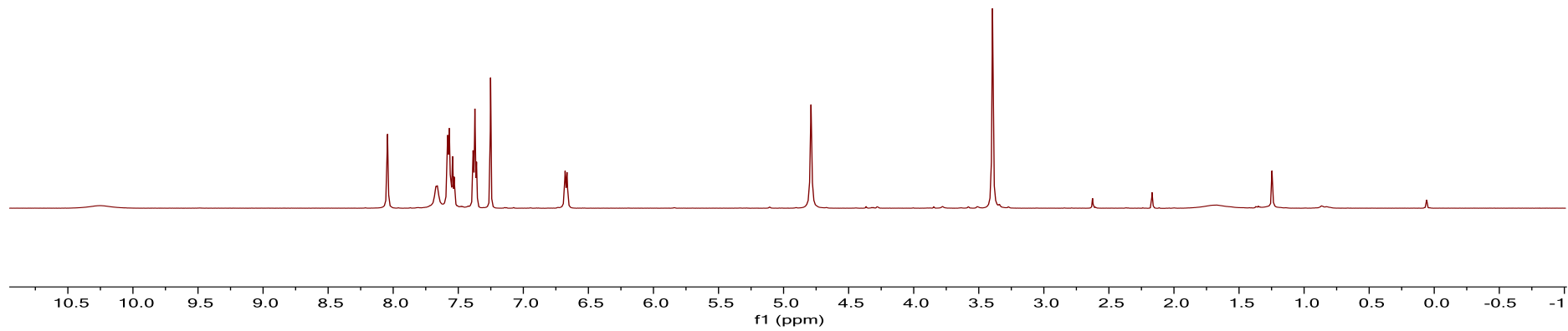
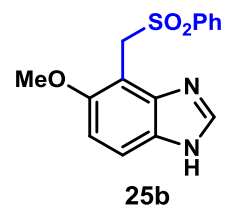


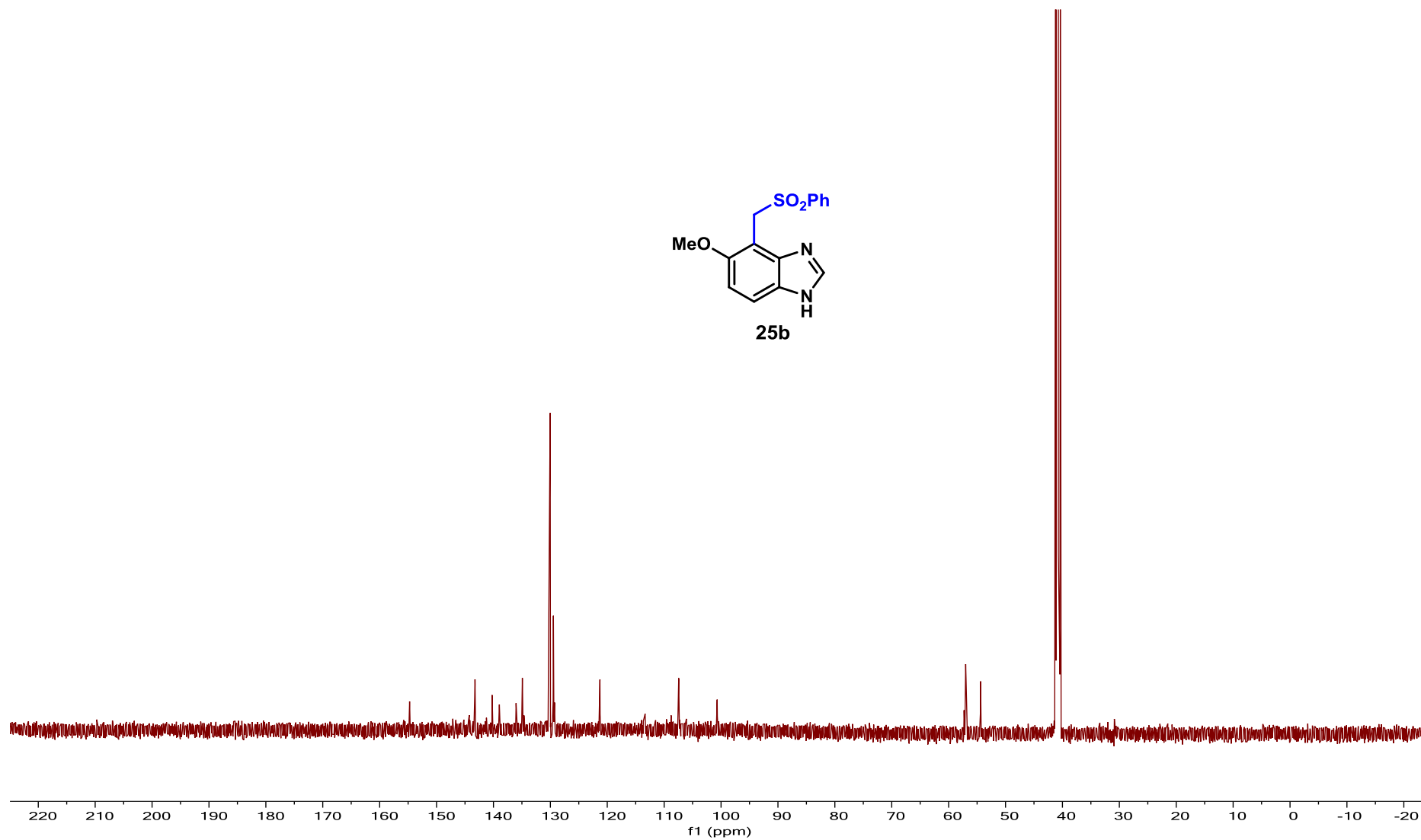
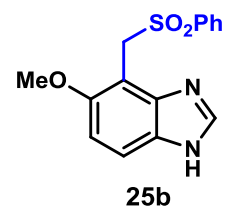


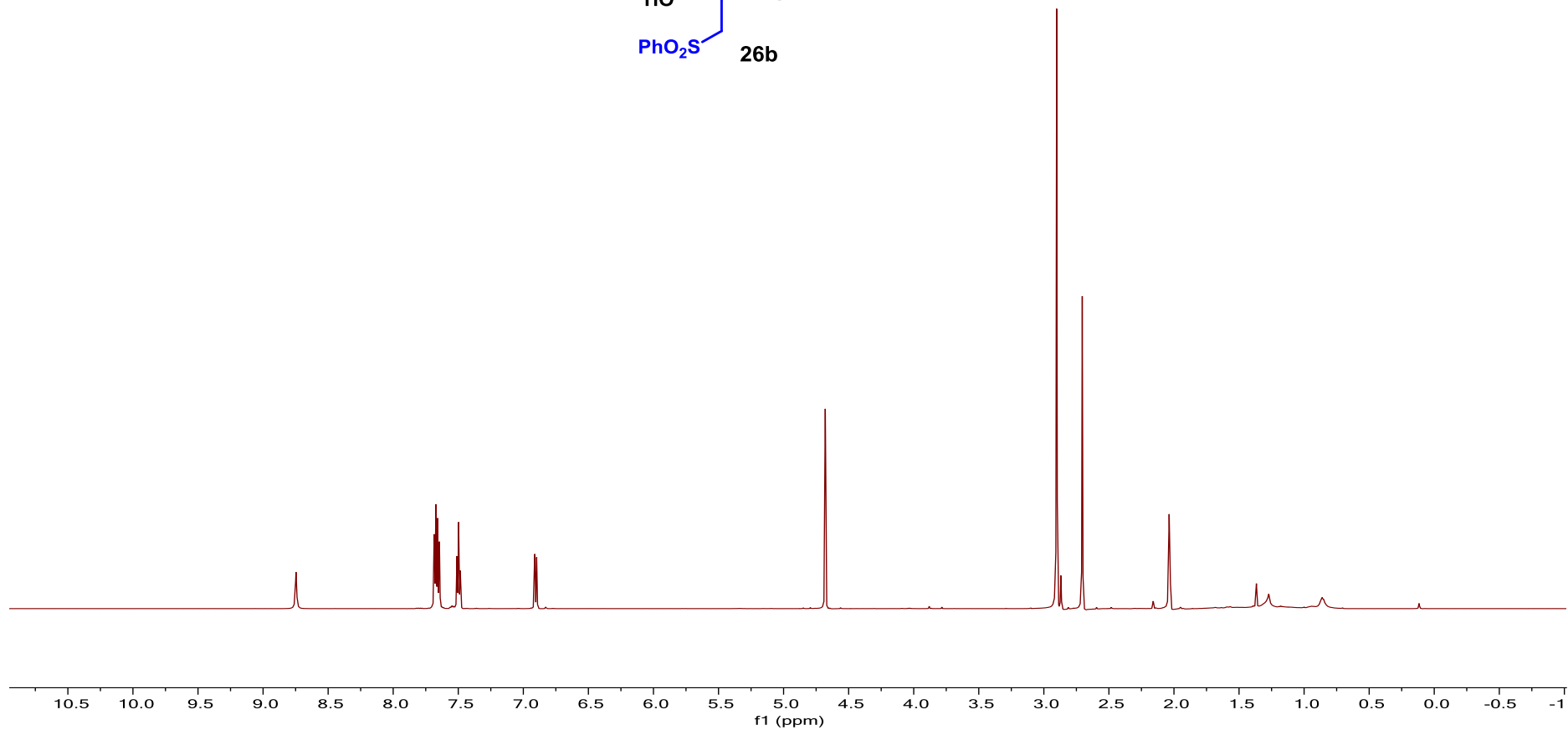
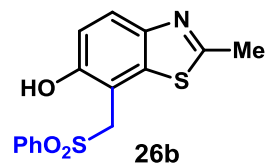


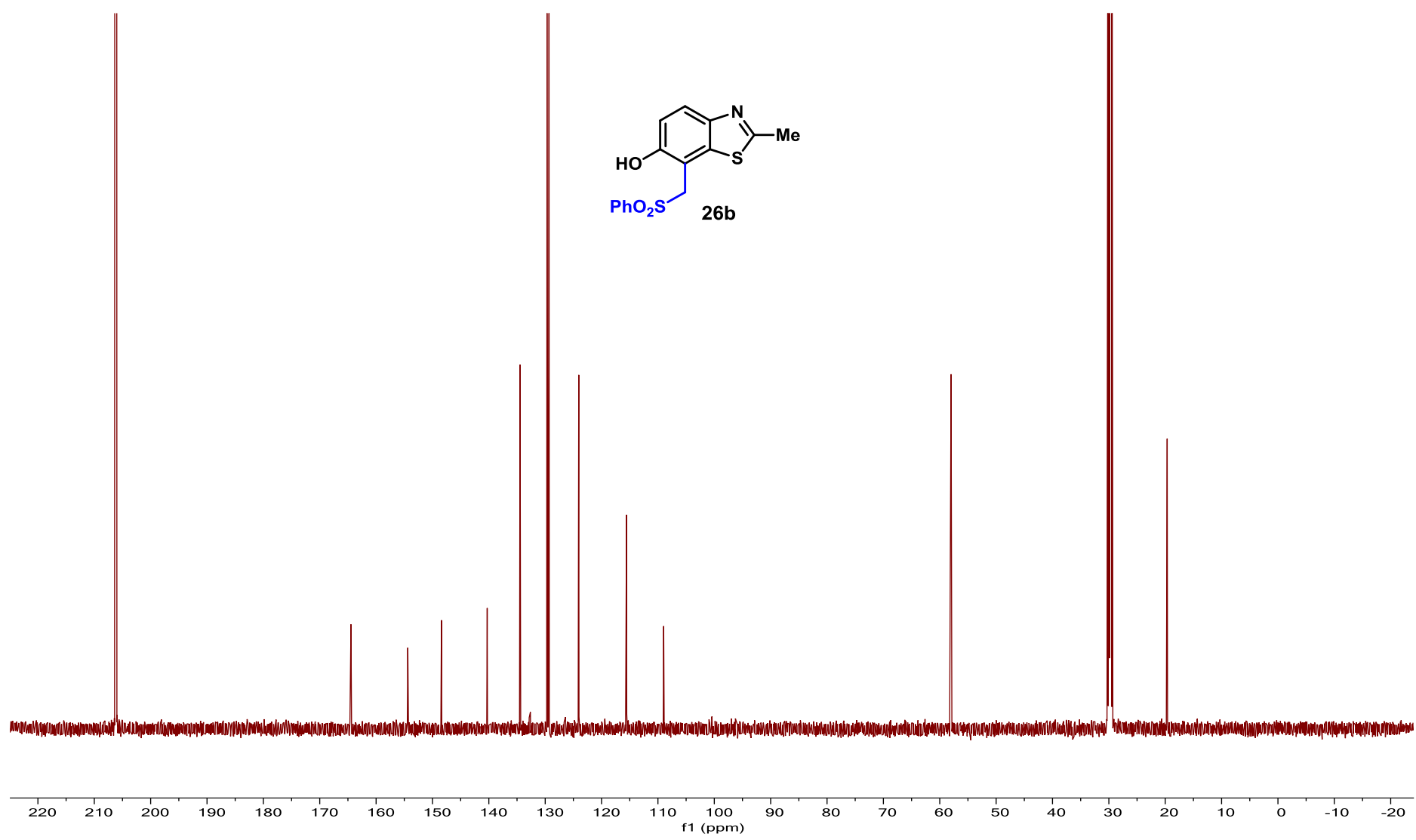
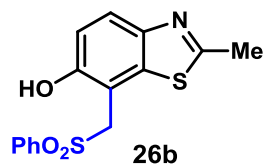


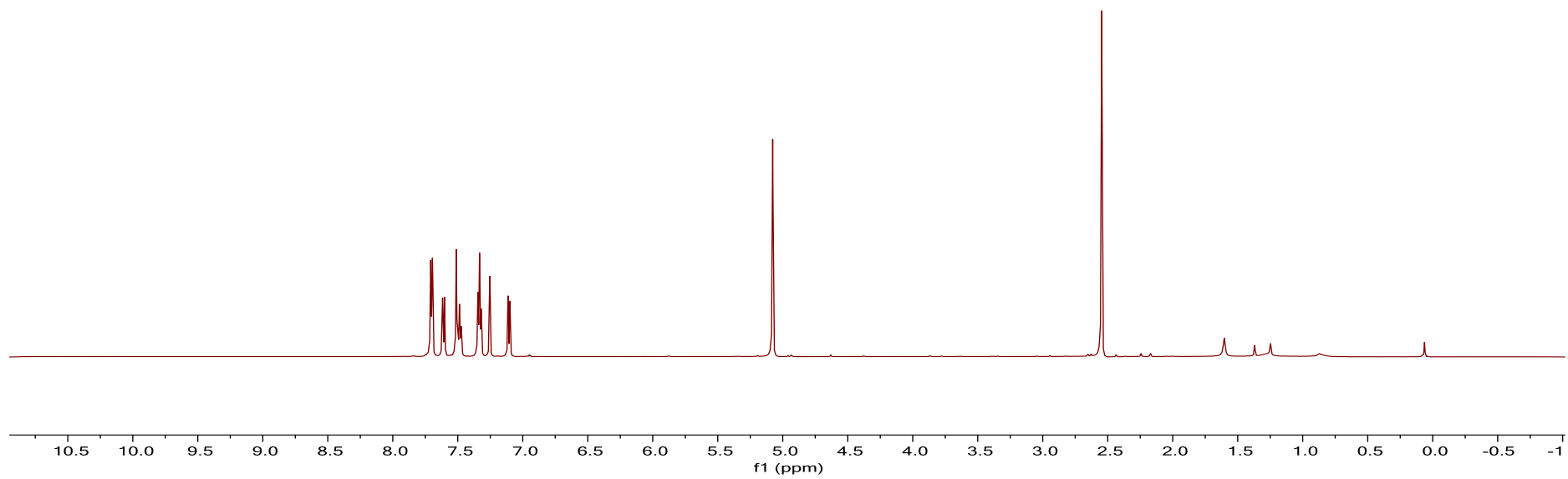
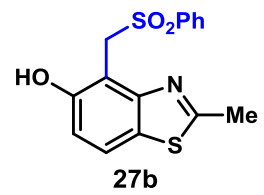


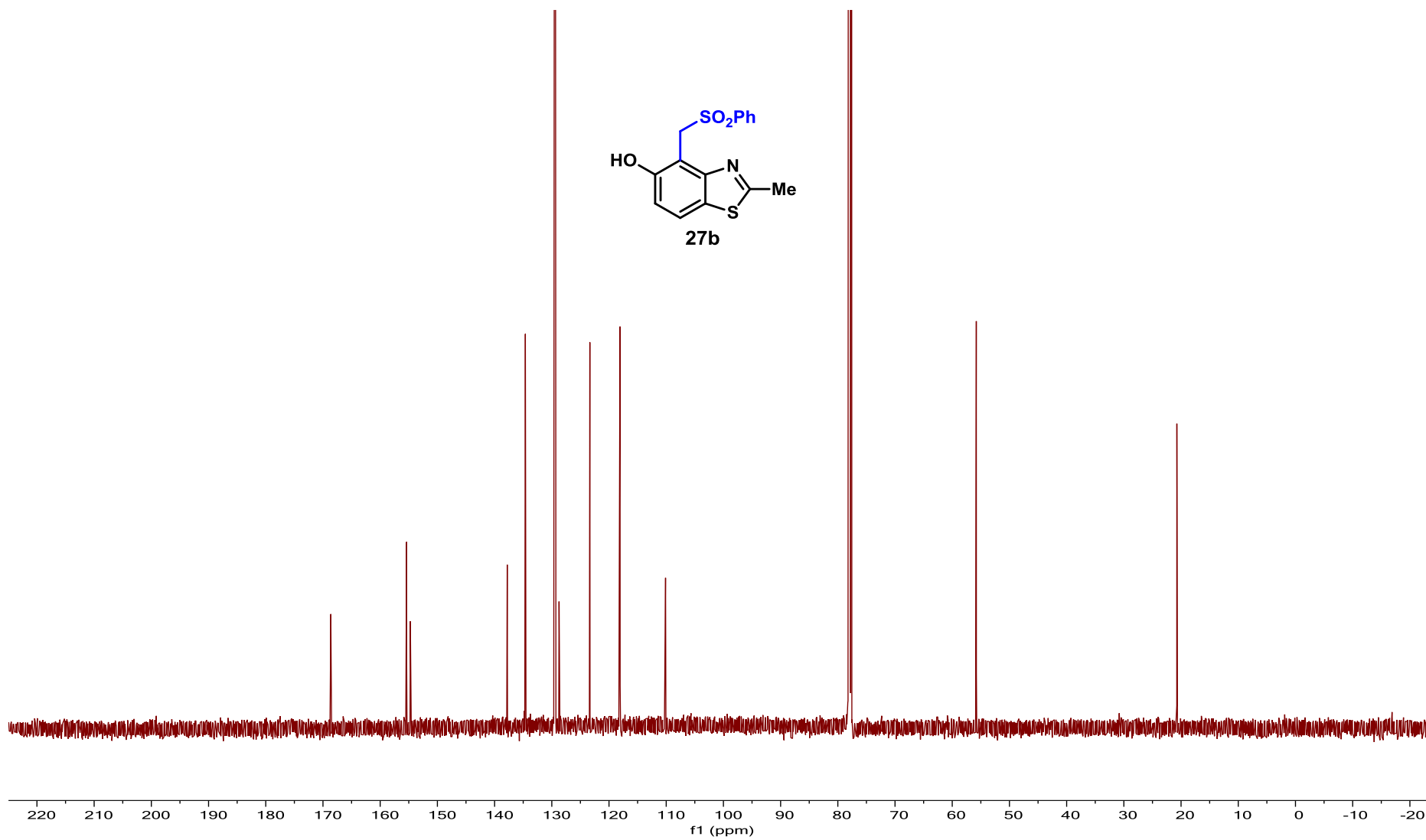
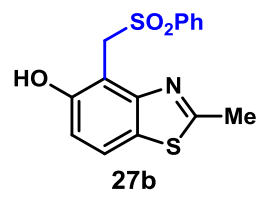


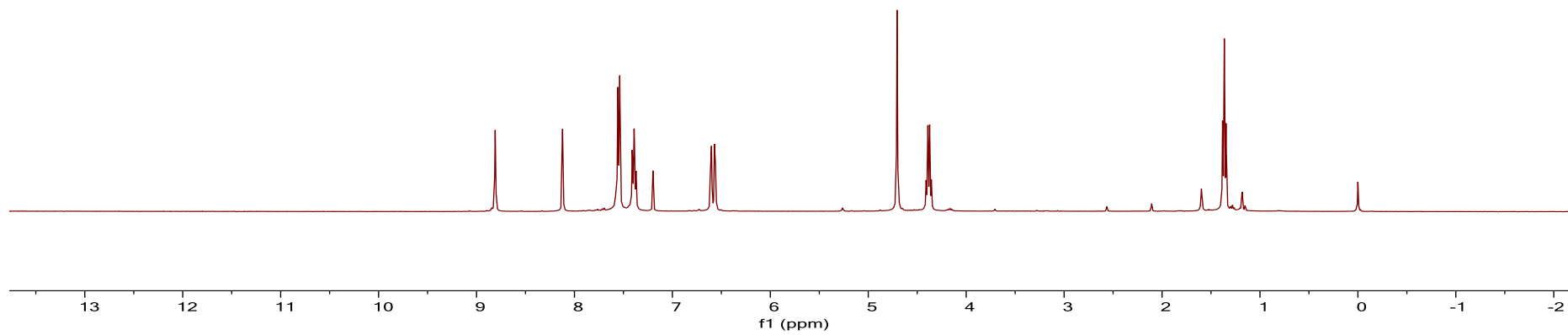
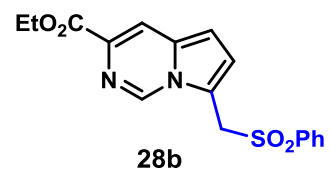


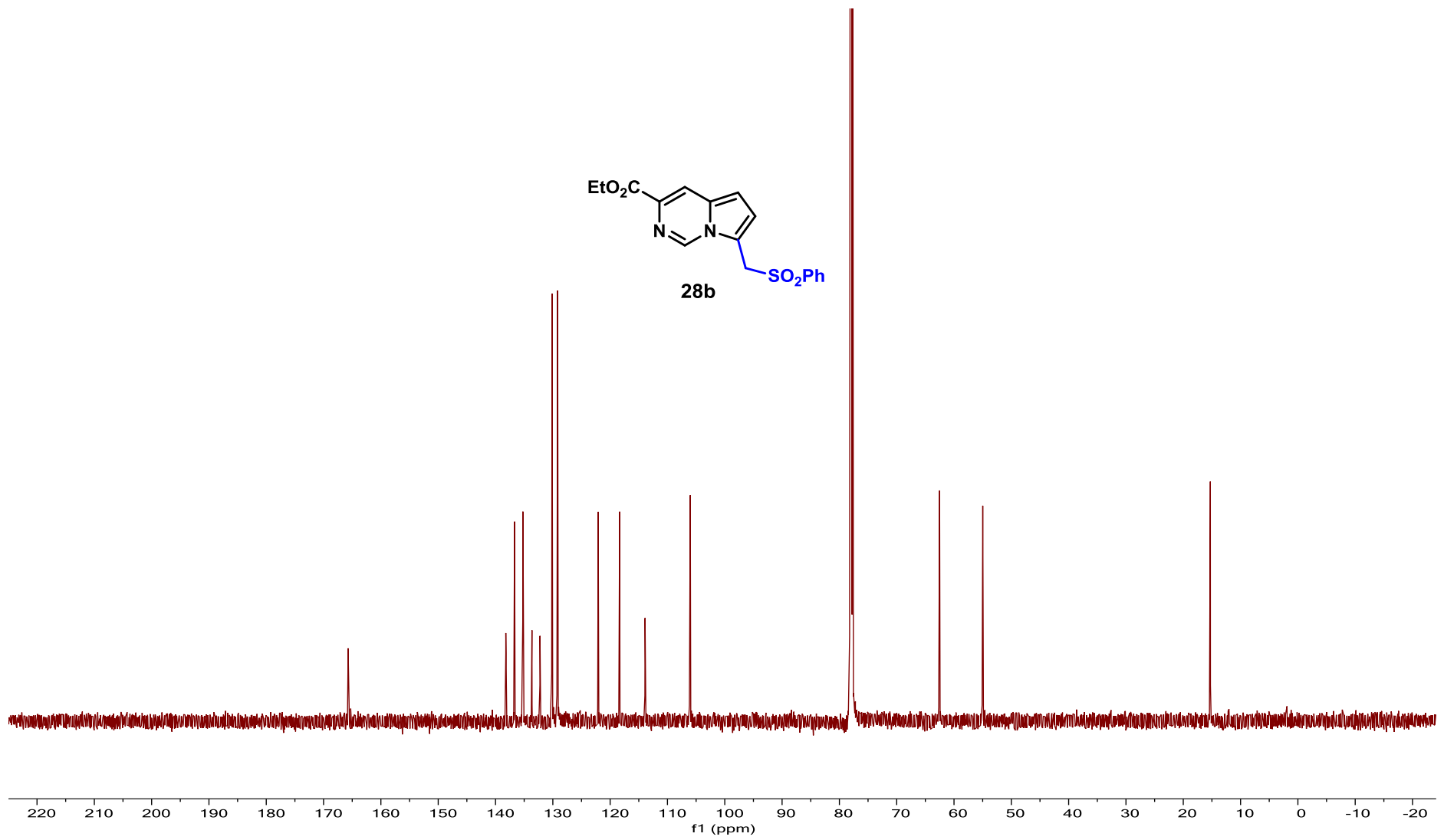
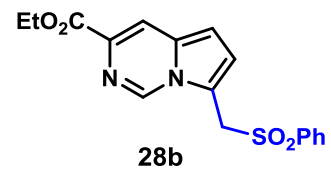


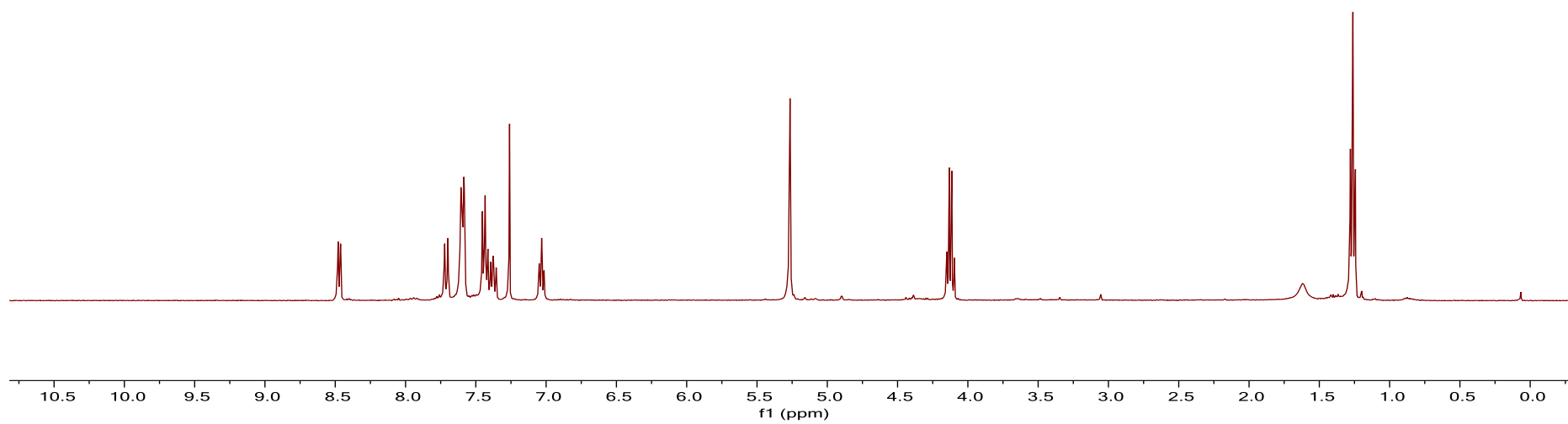
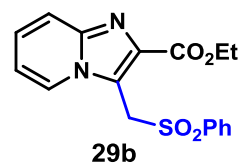


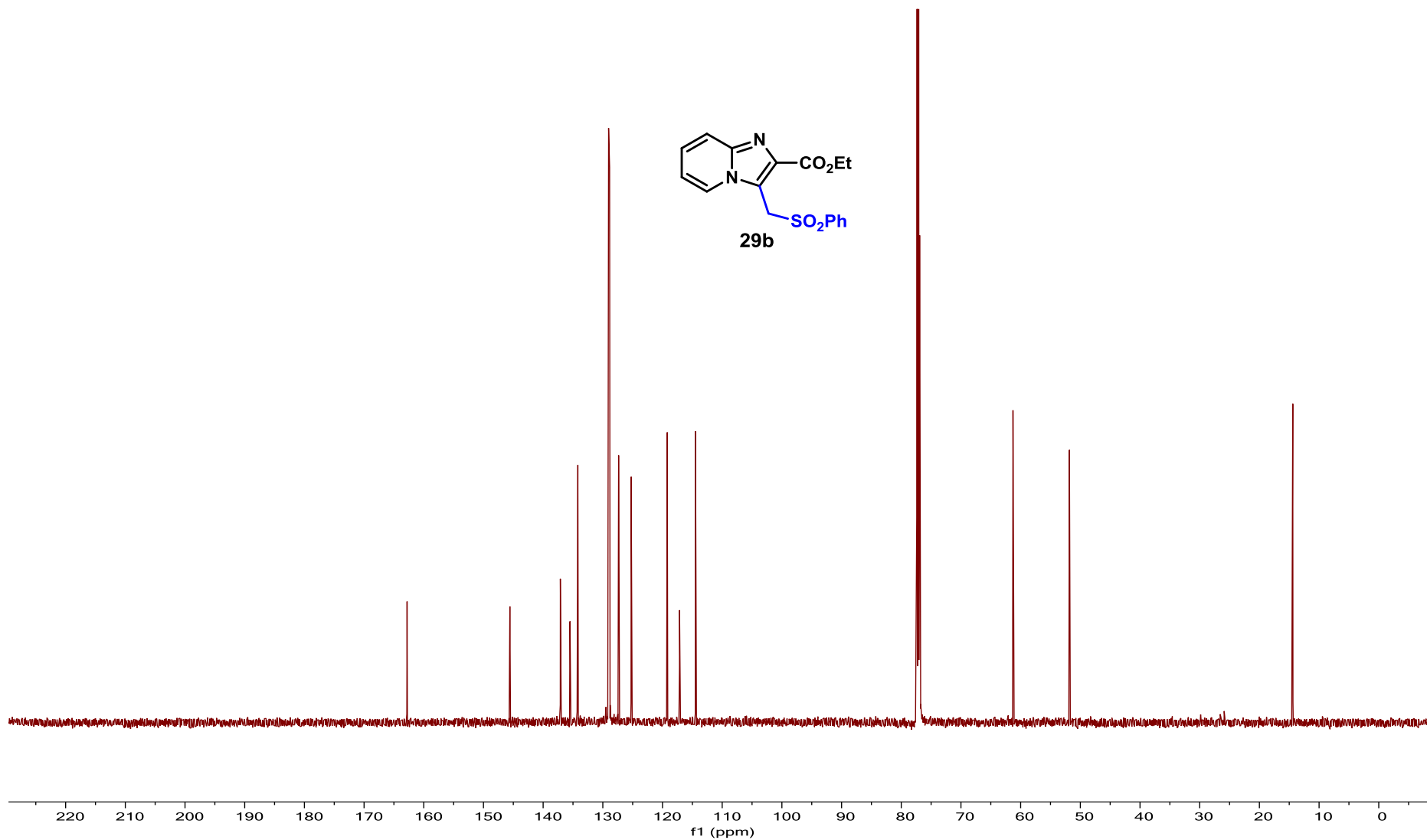
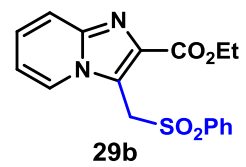


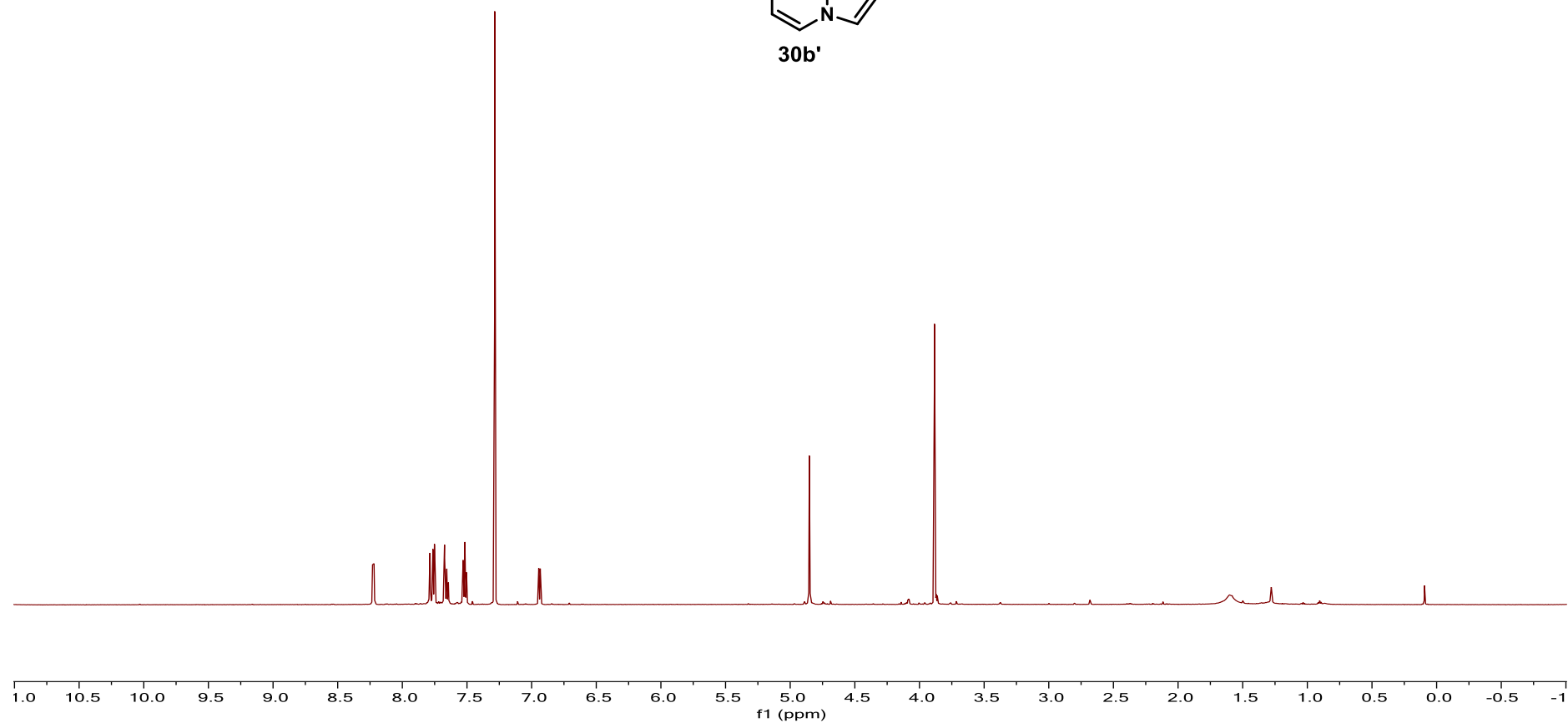
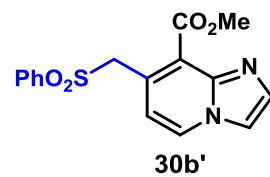


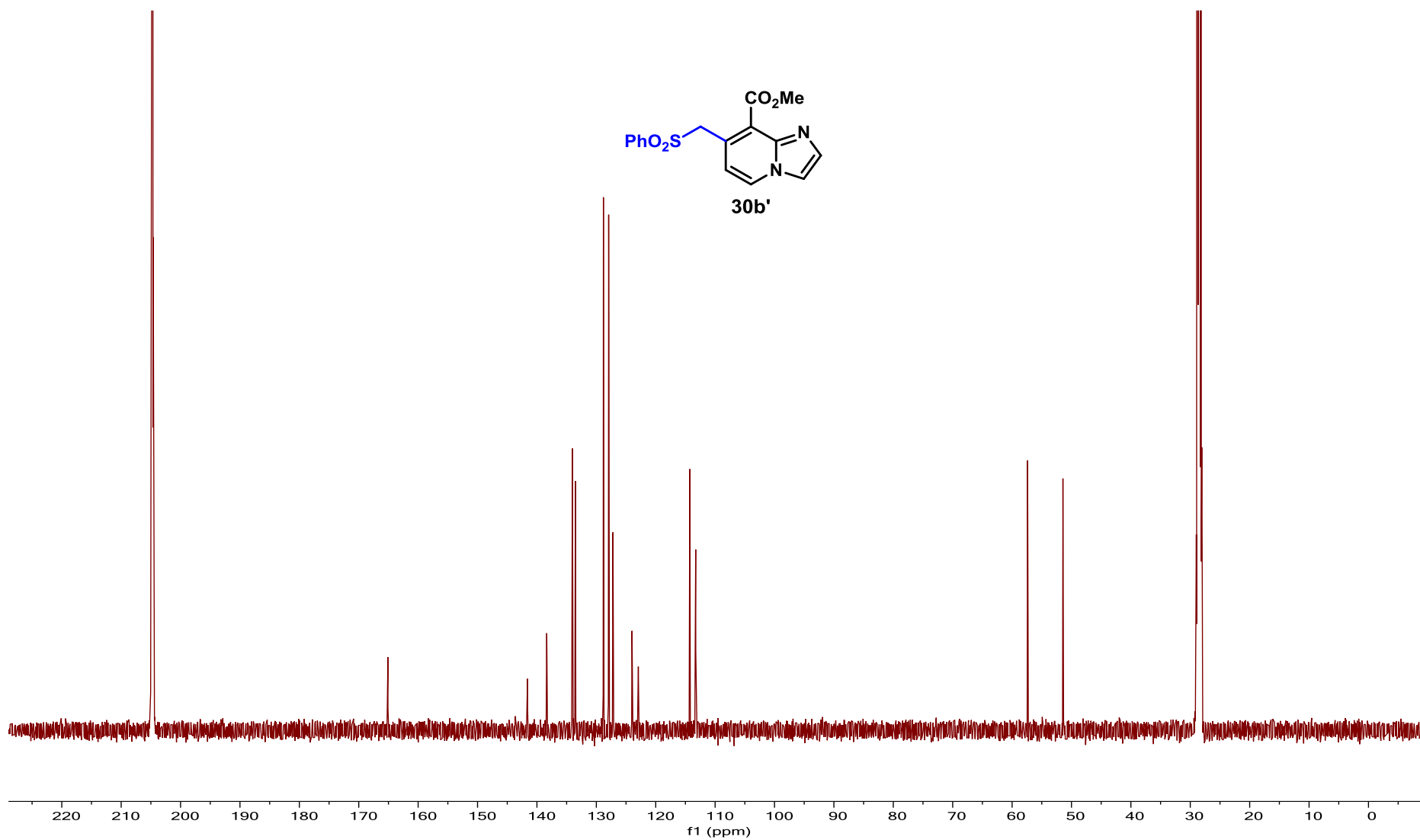
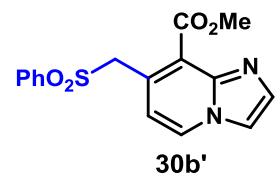


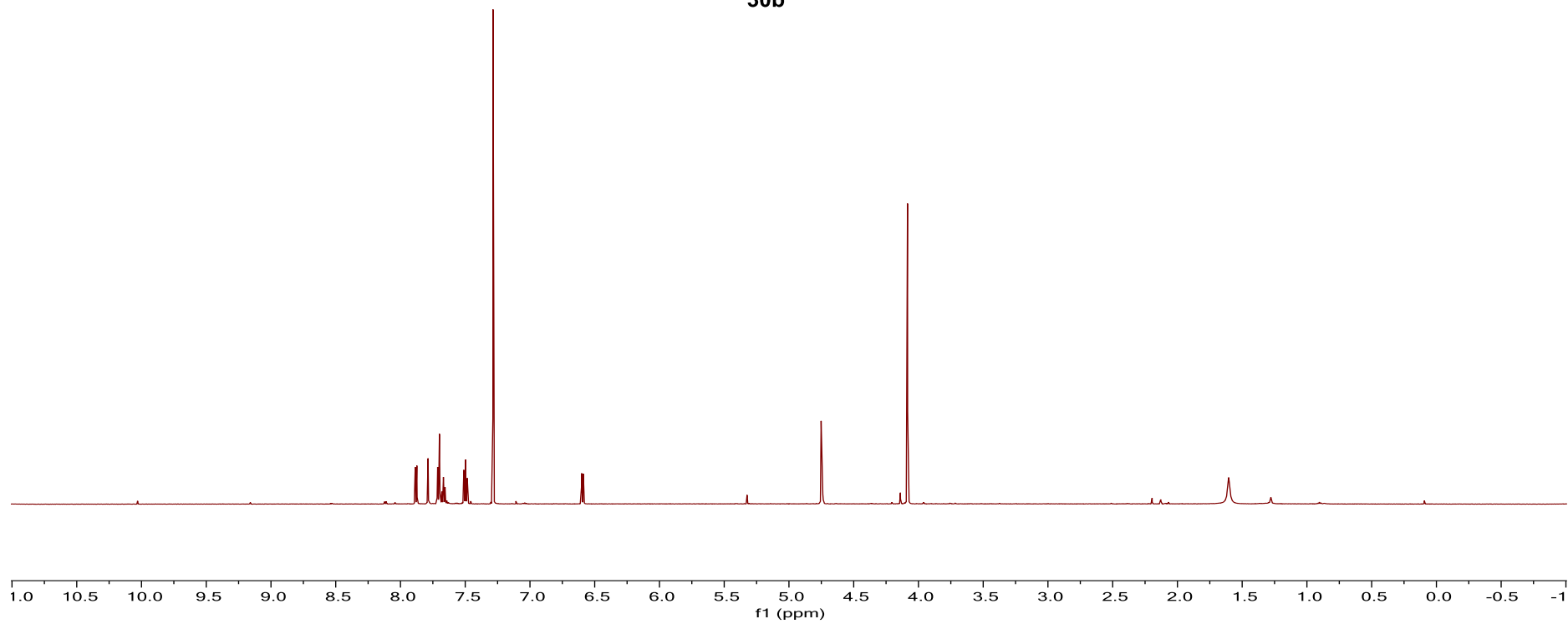
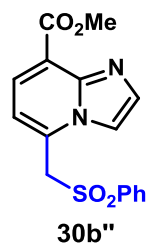


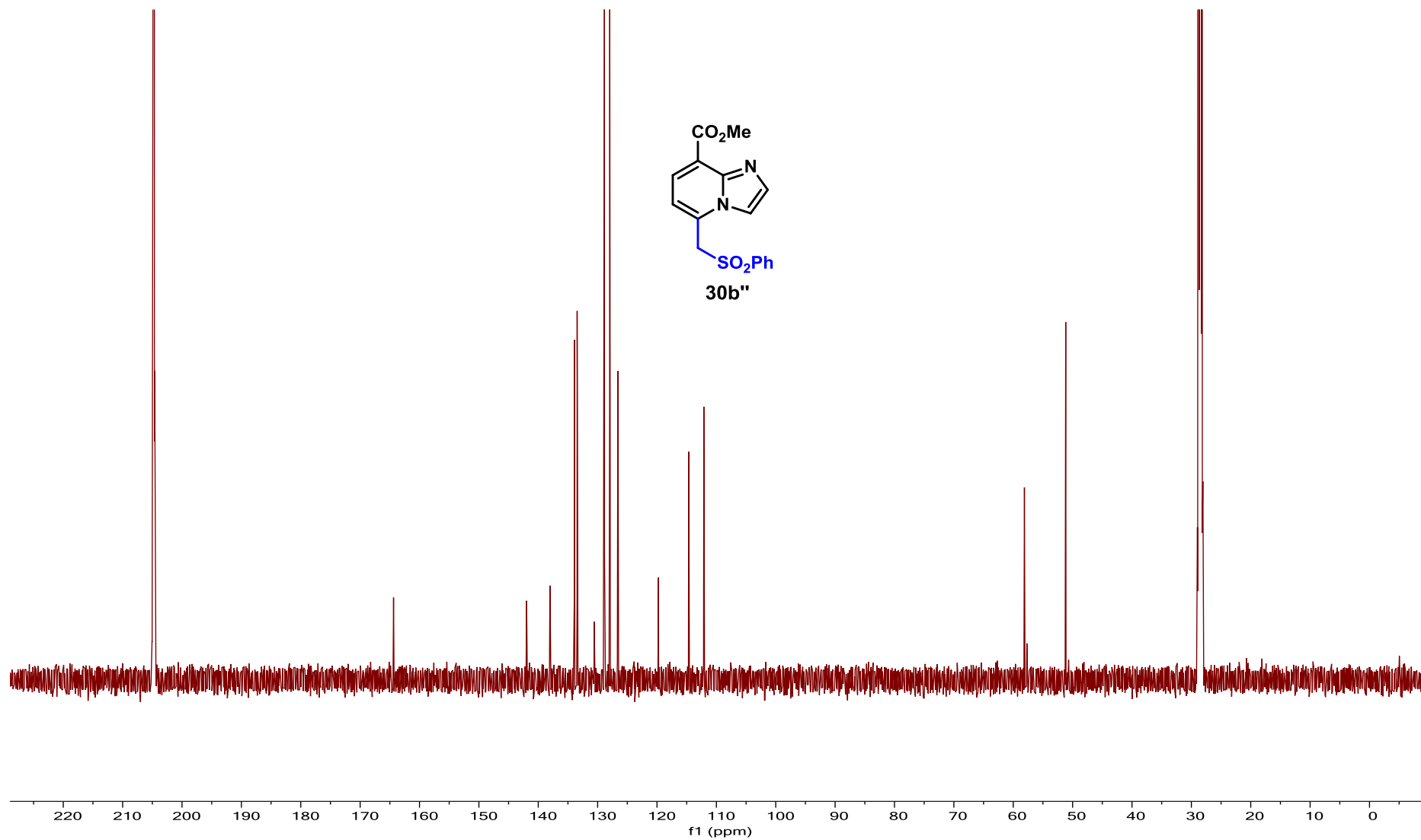


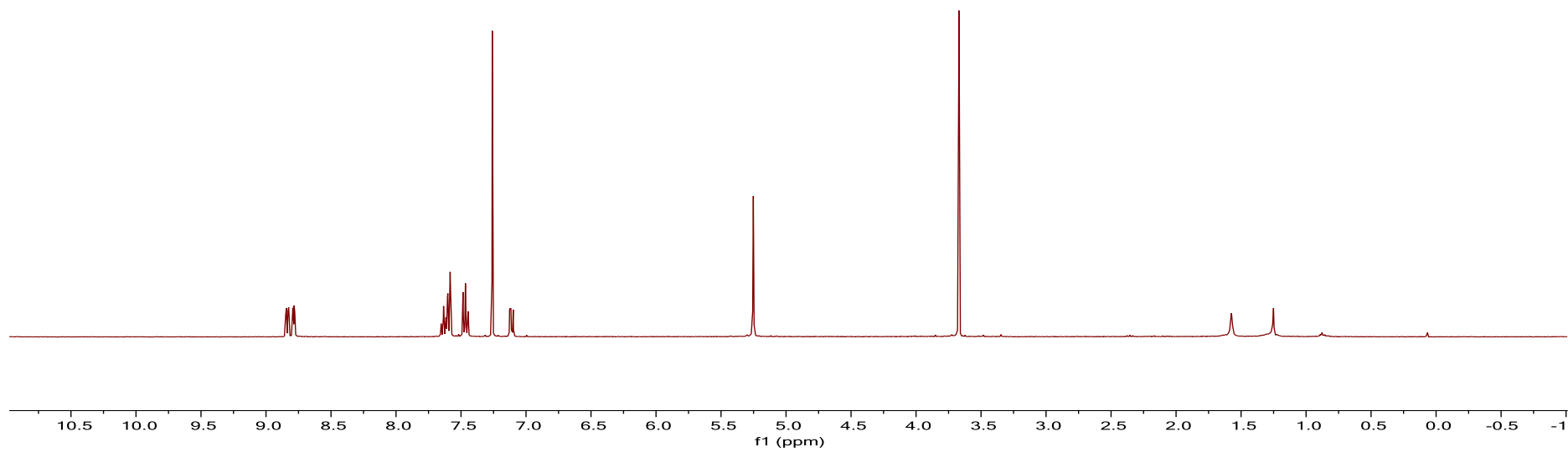
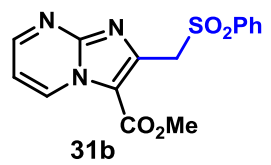


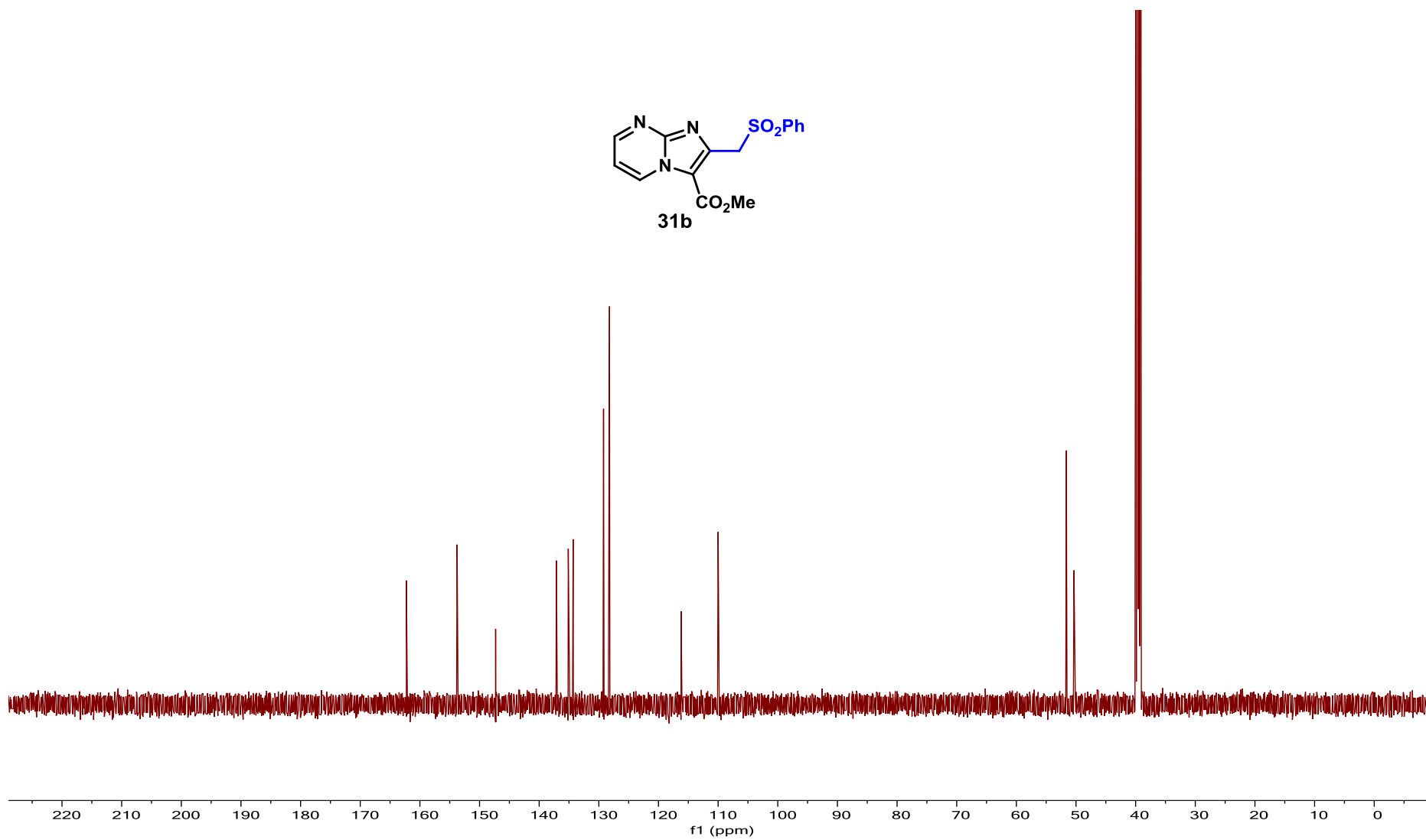
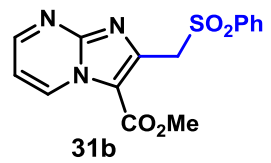


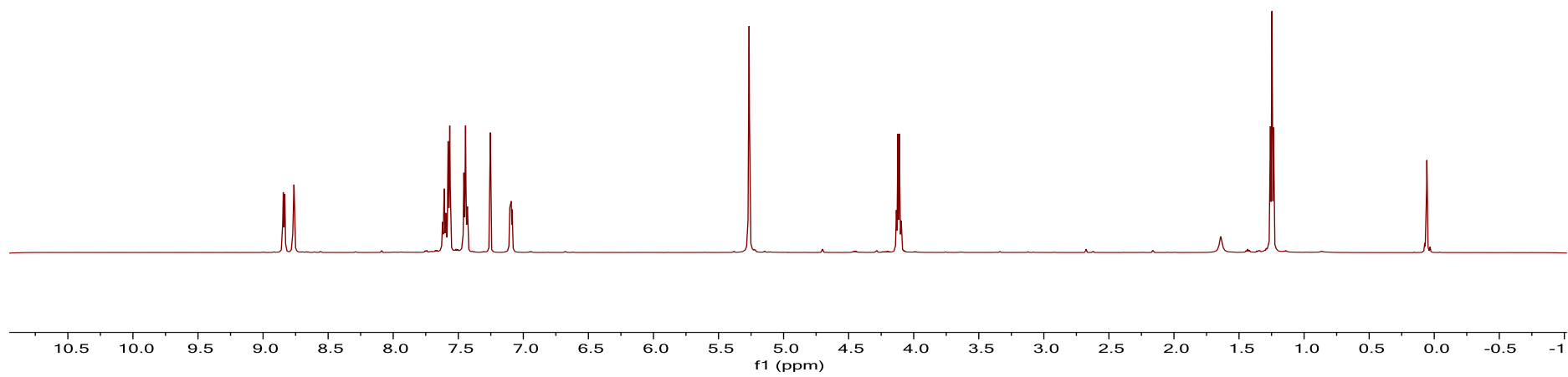
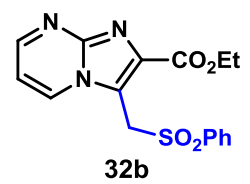


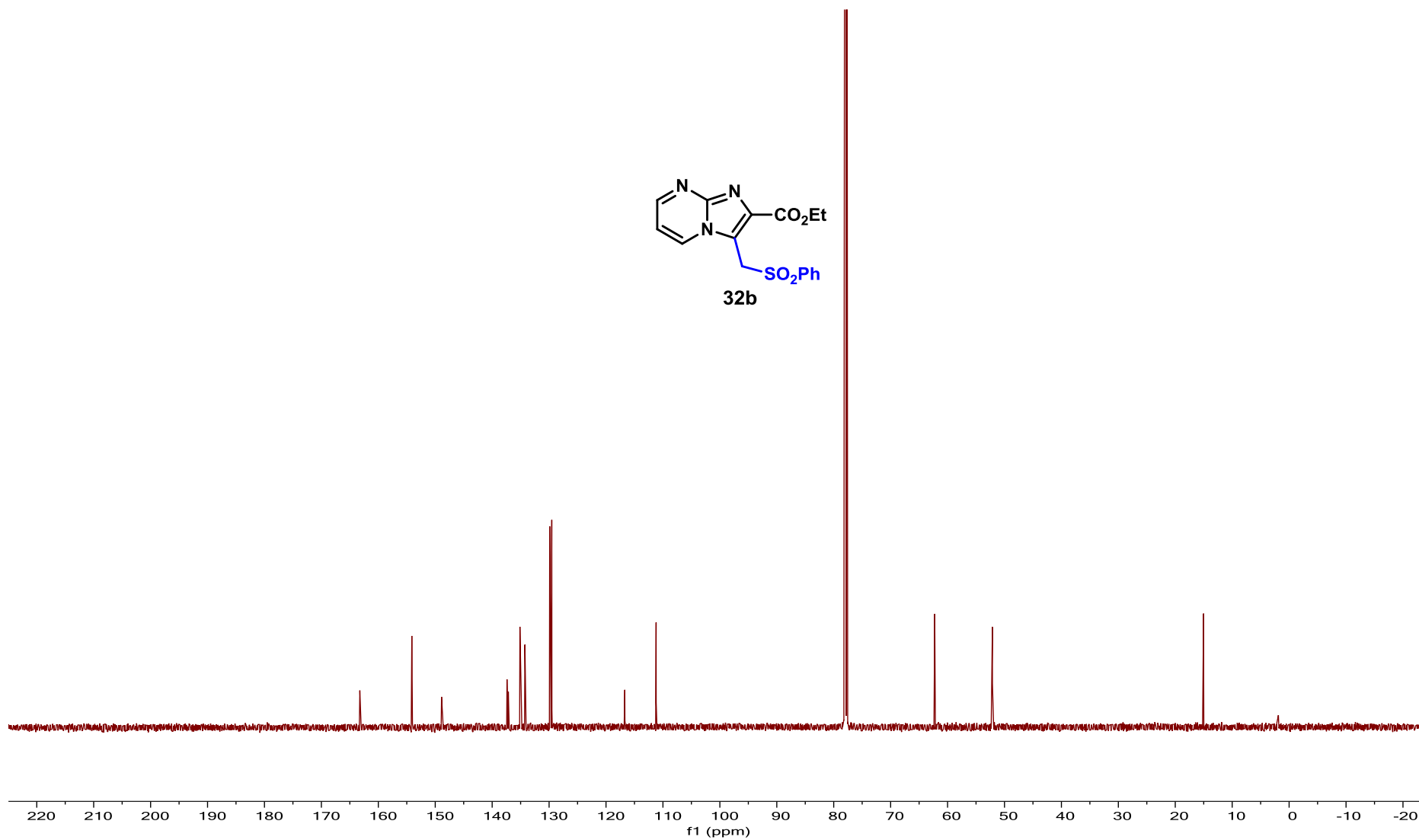
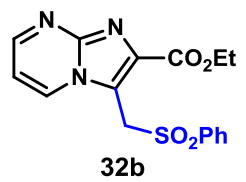




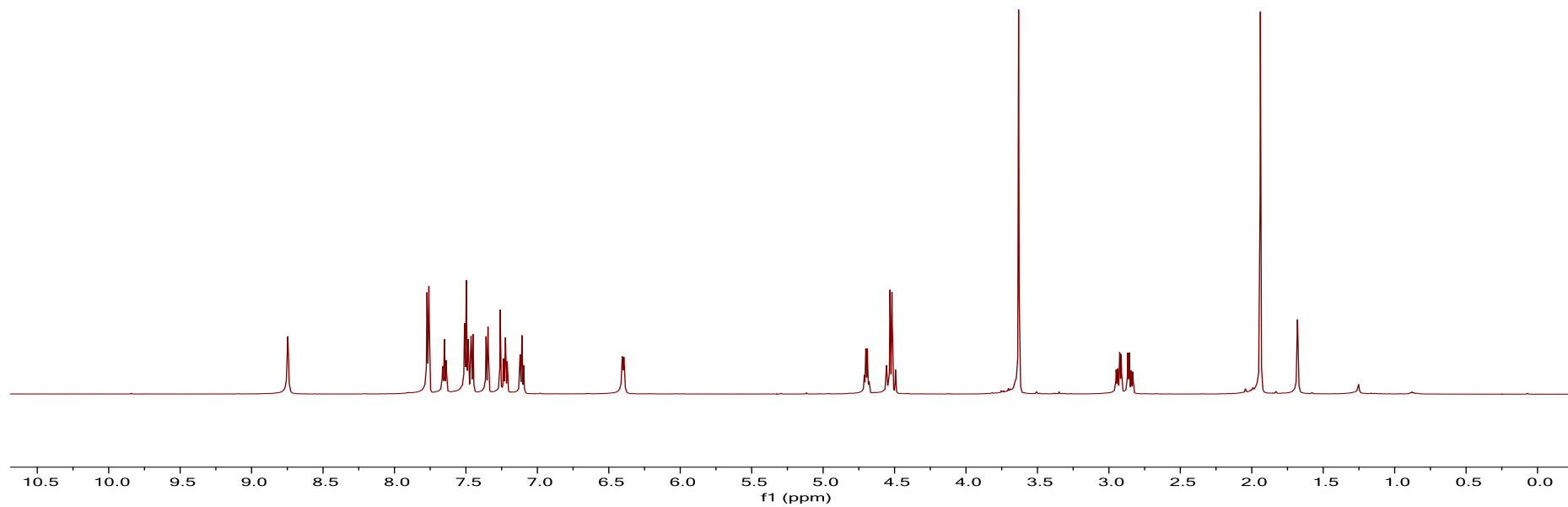
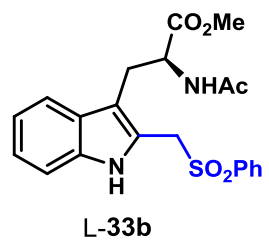


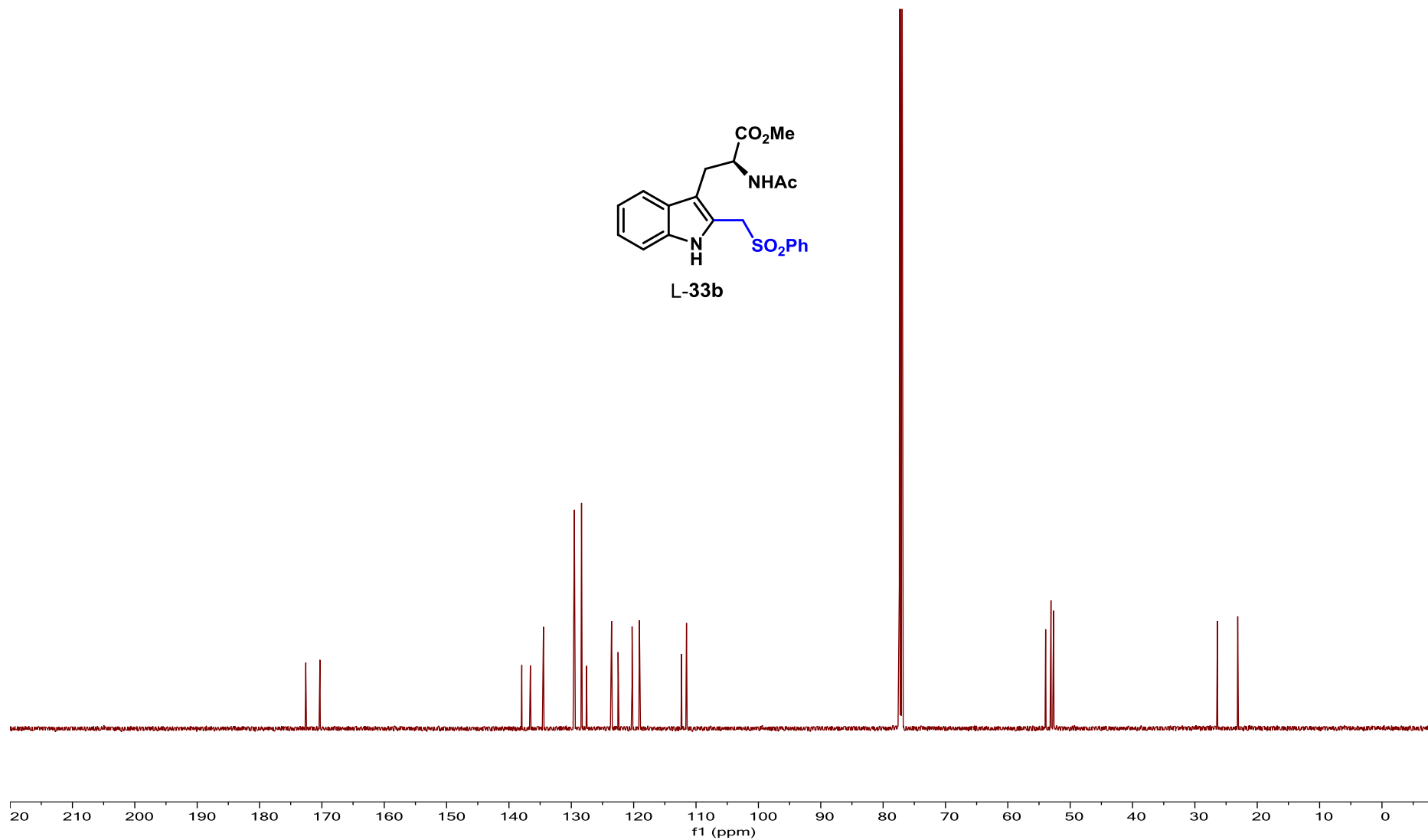
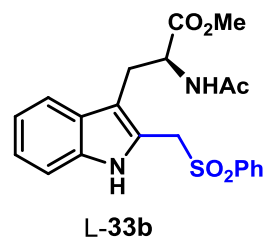


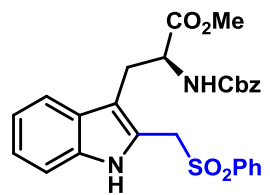




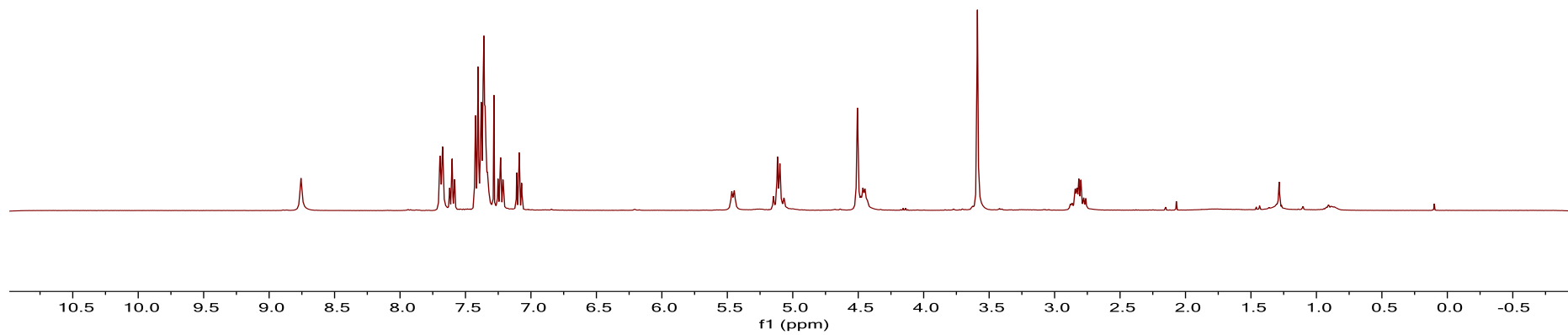
3. NMR Spectra of biologically relevant products L-33b to 36b

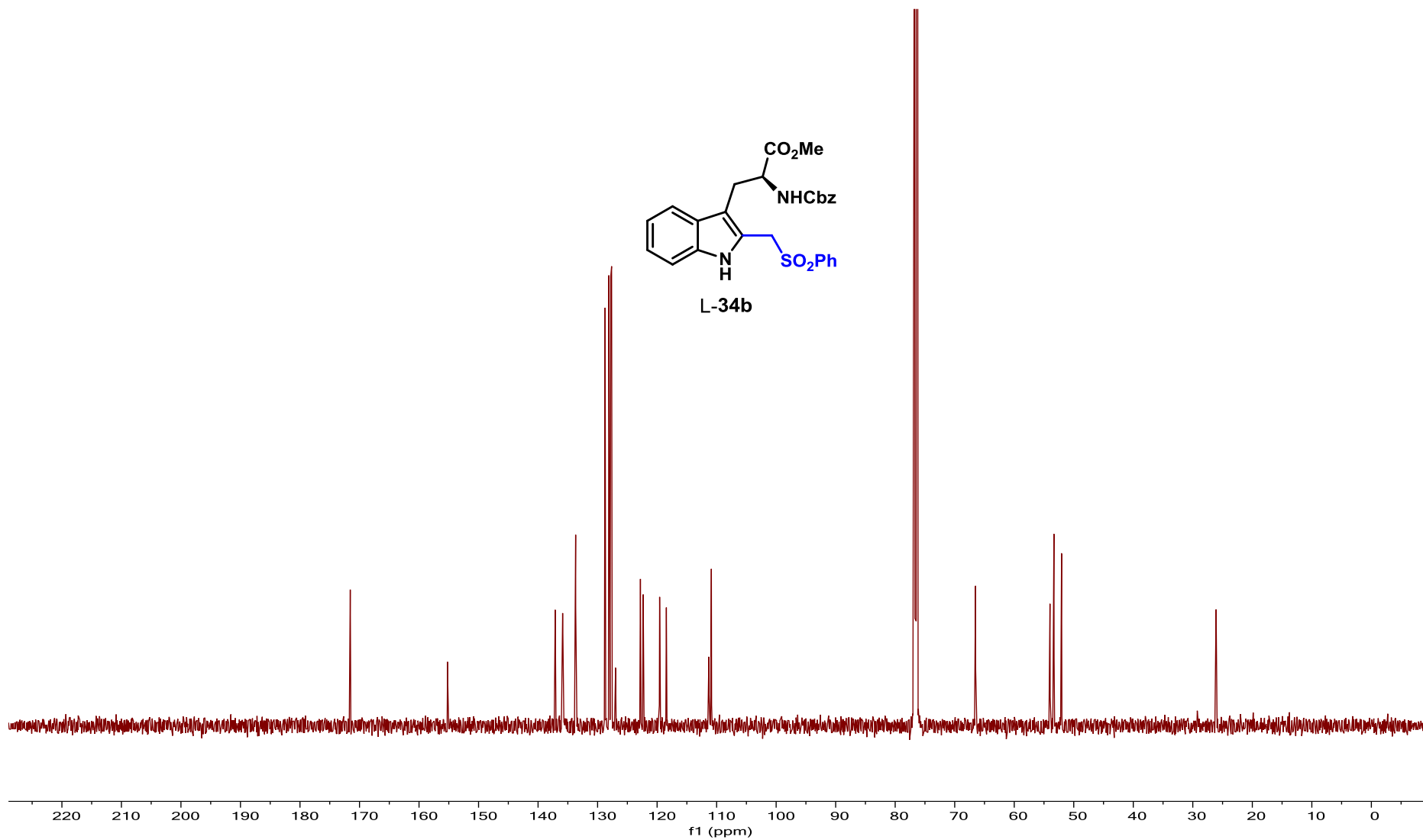
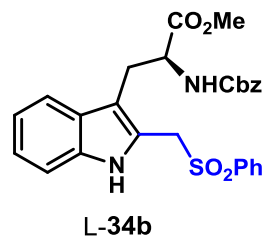


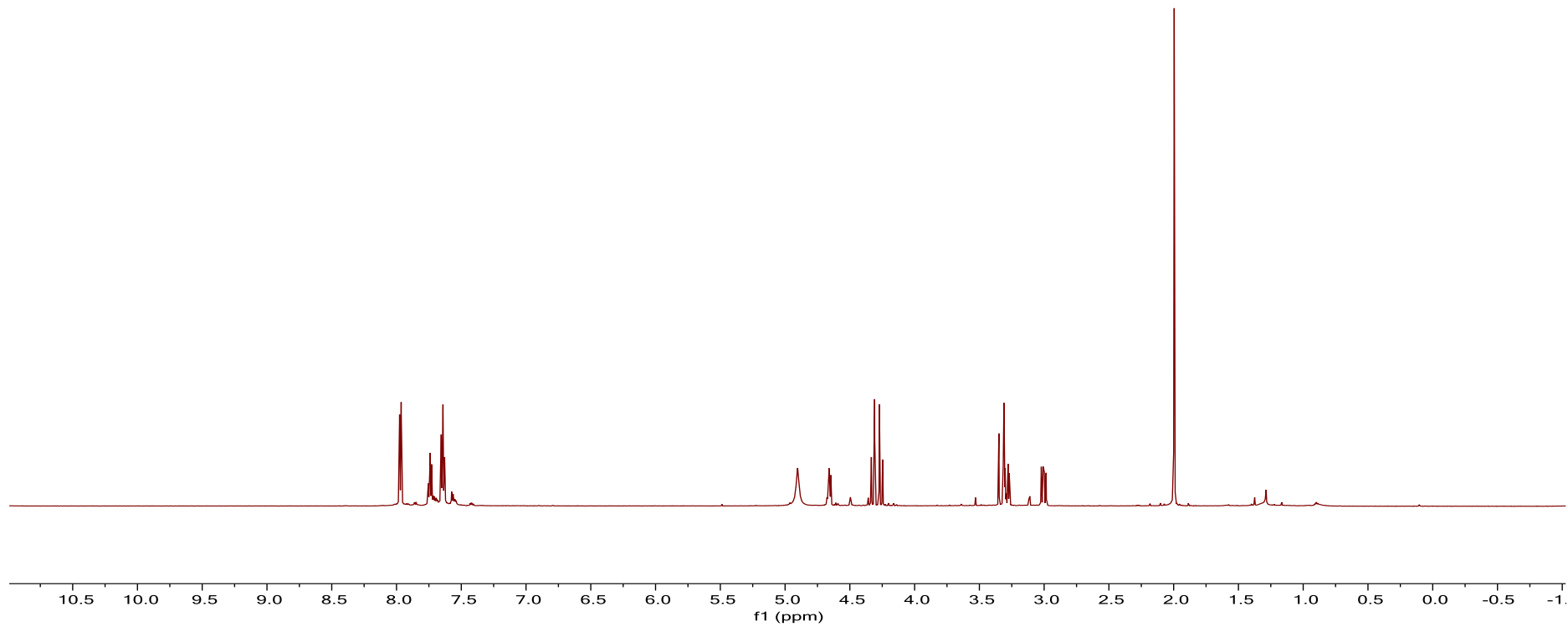
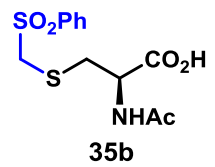


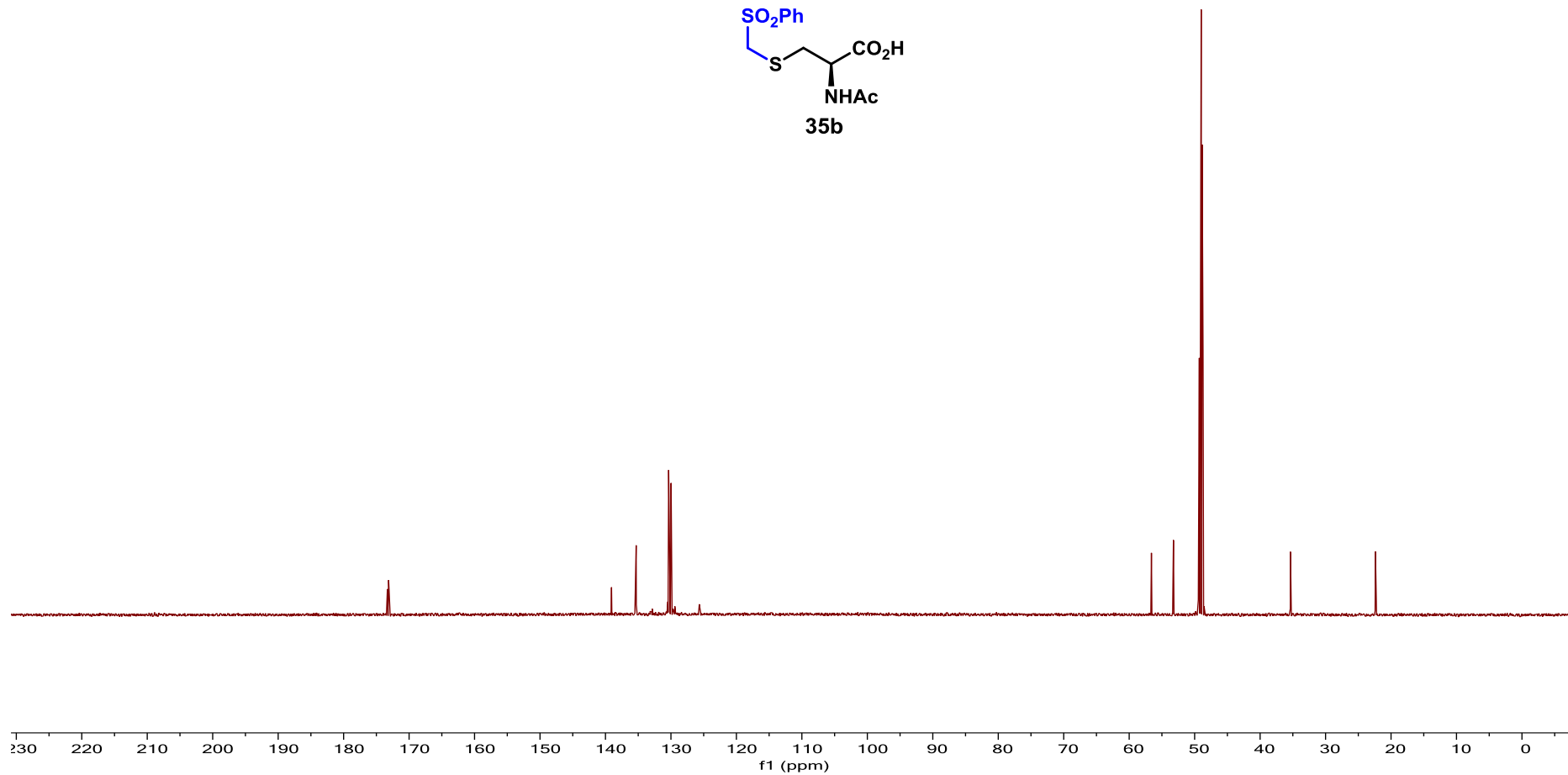
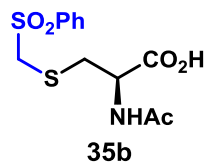


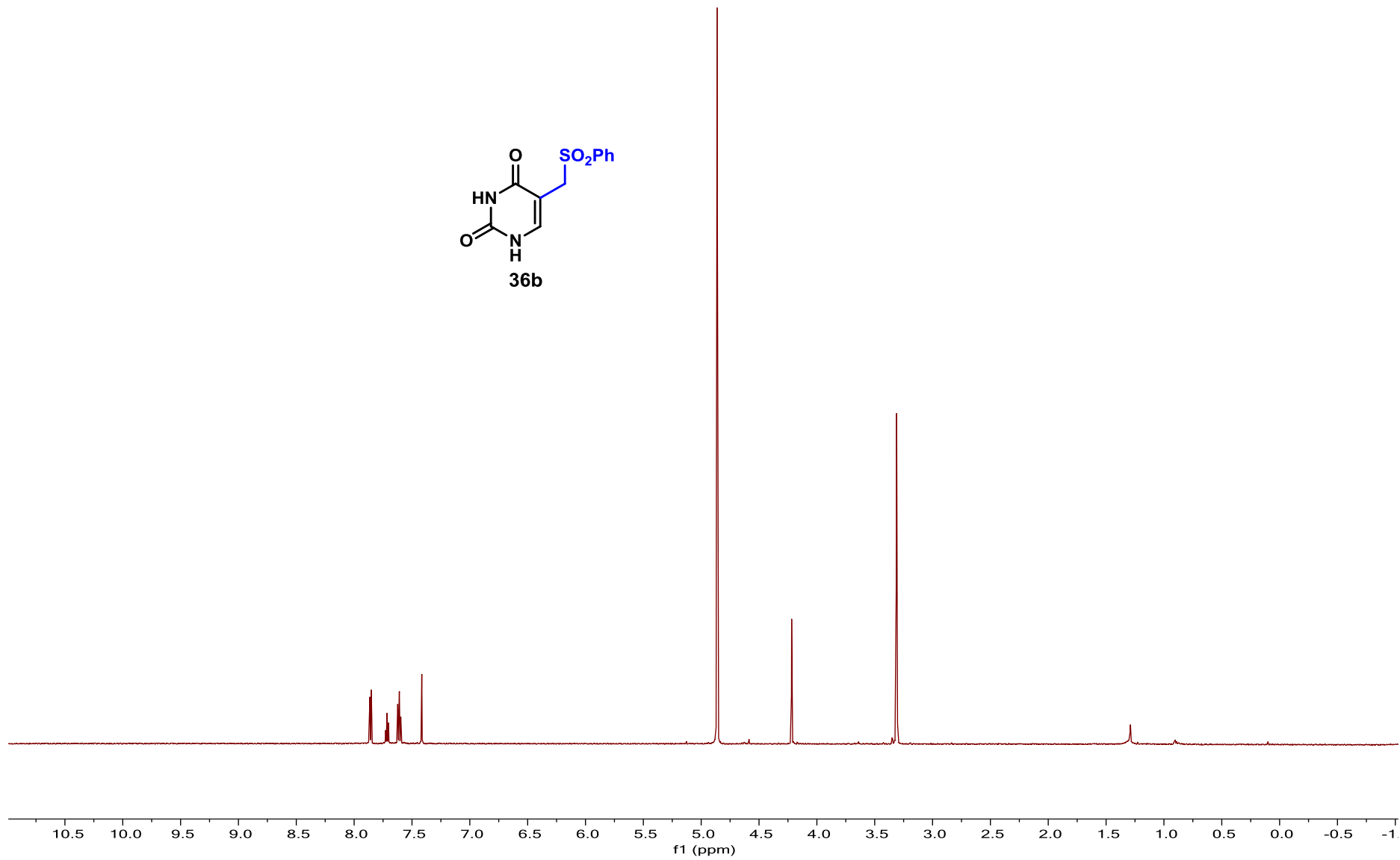
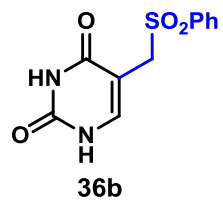
L-34b

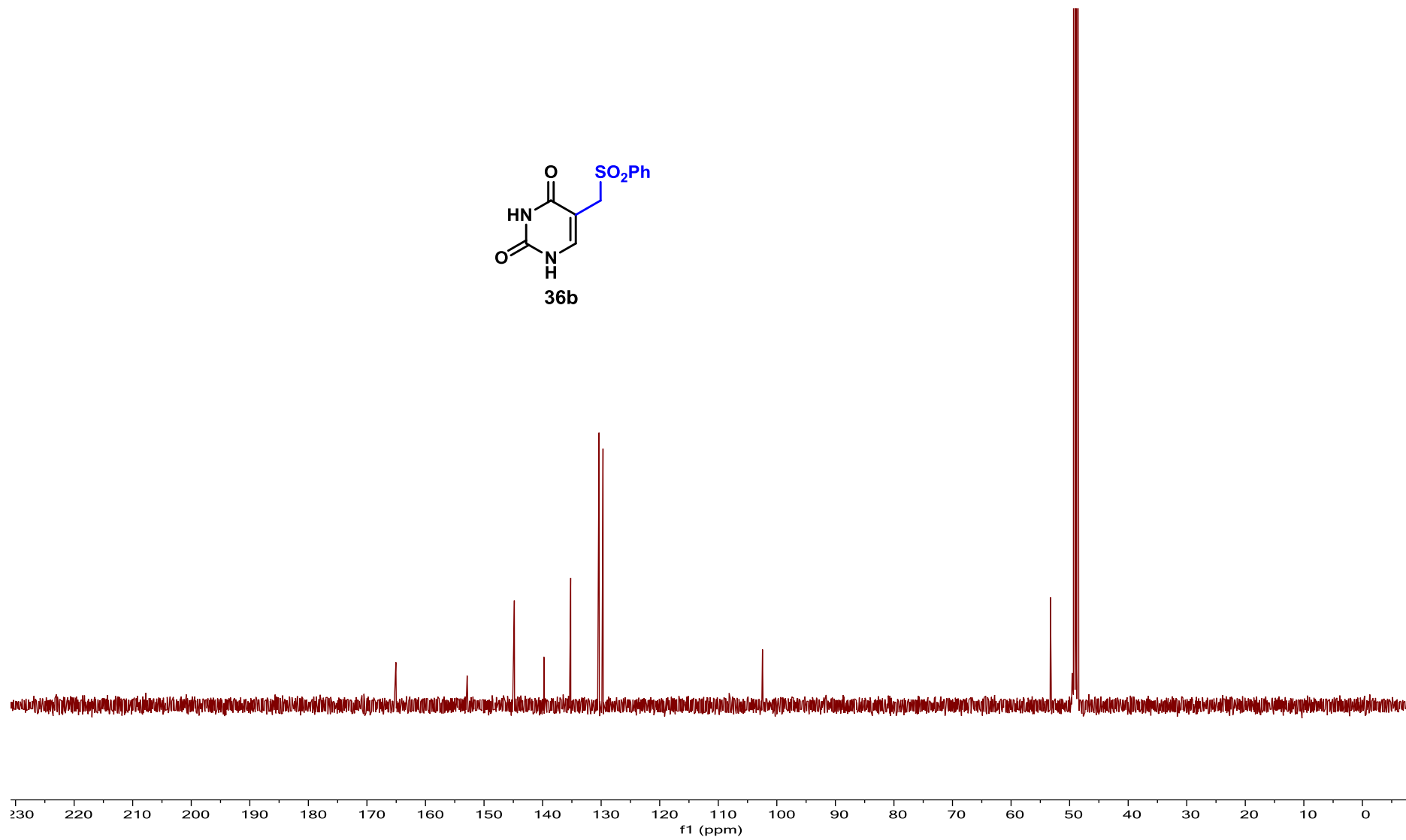
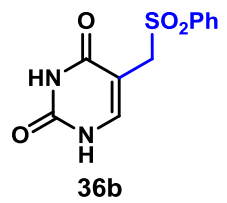




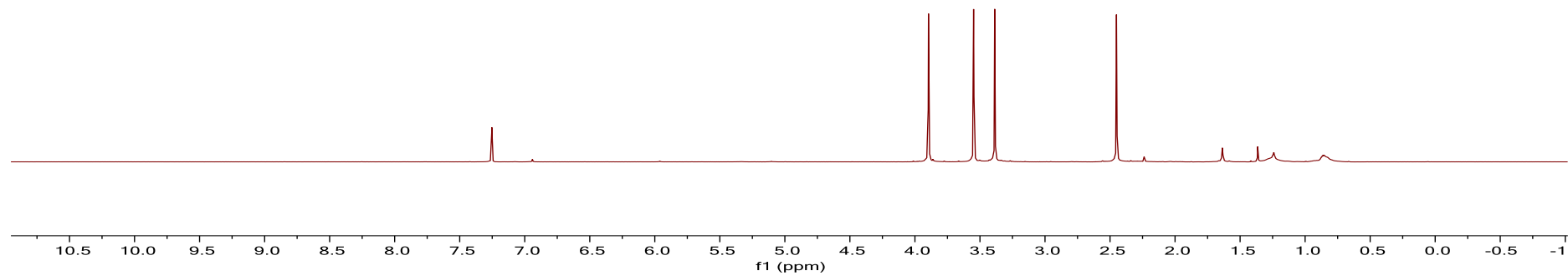
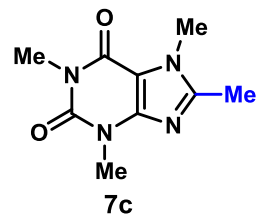


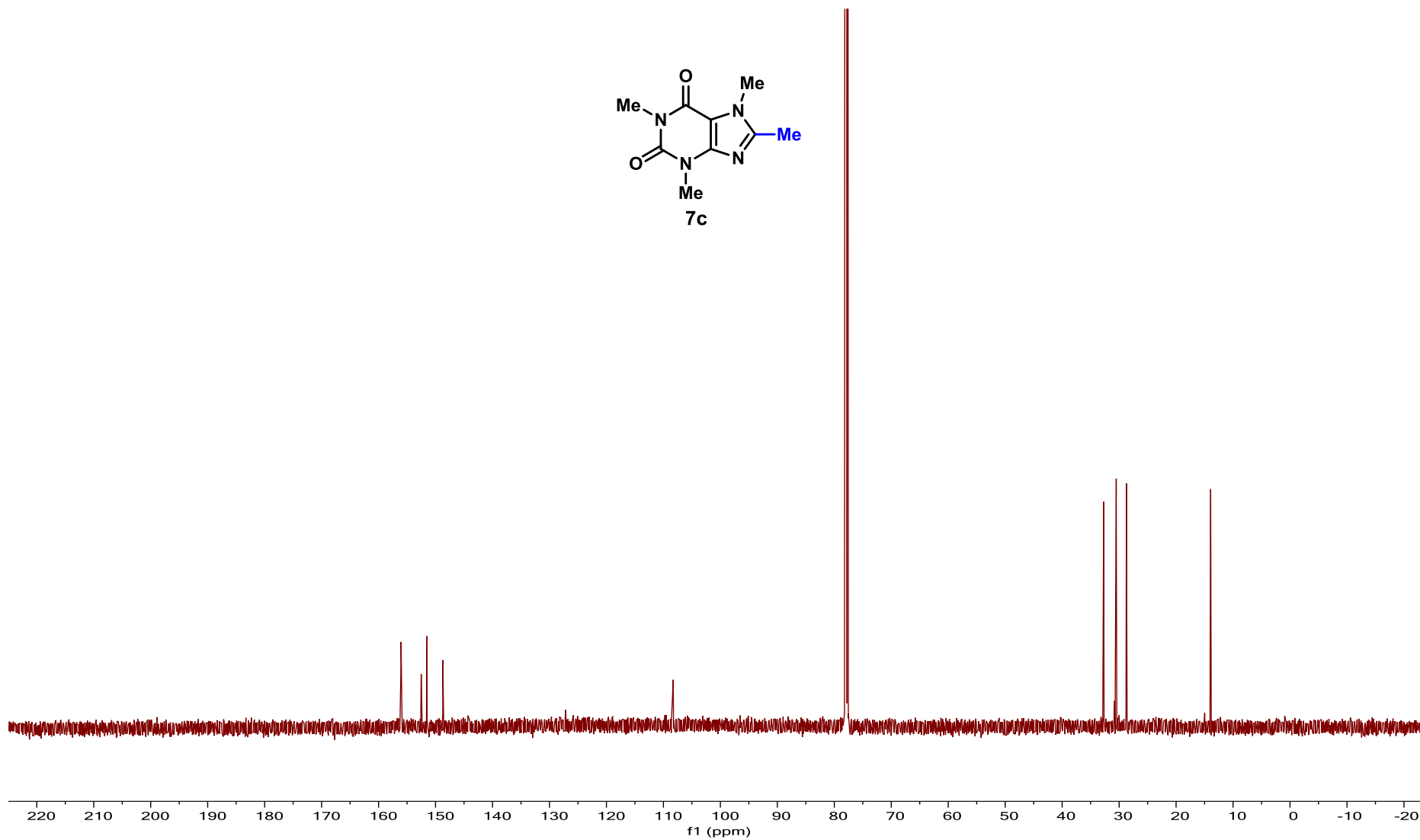
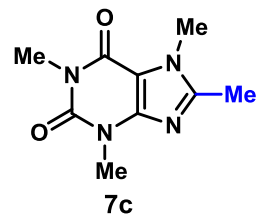


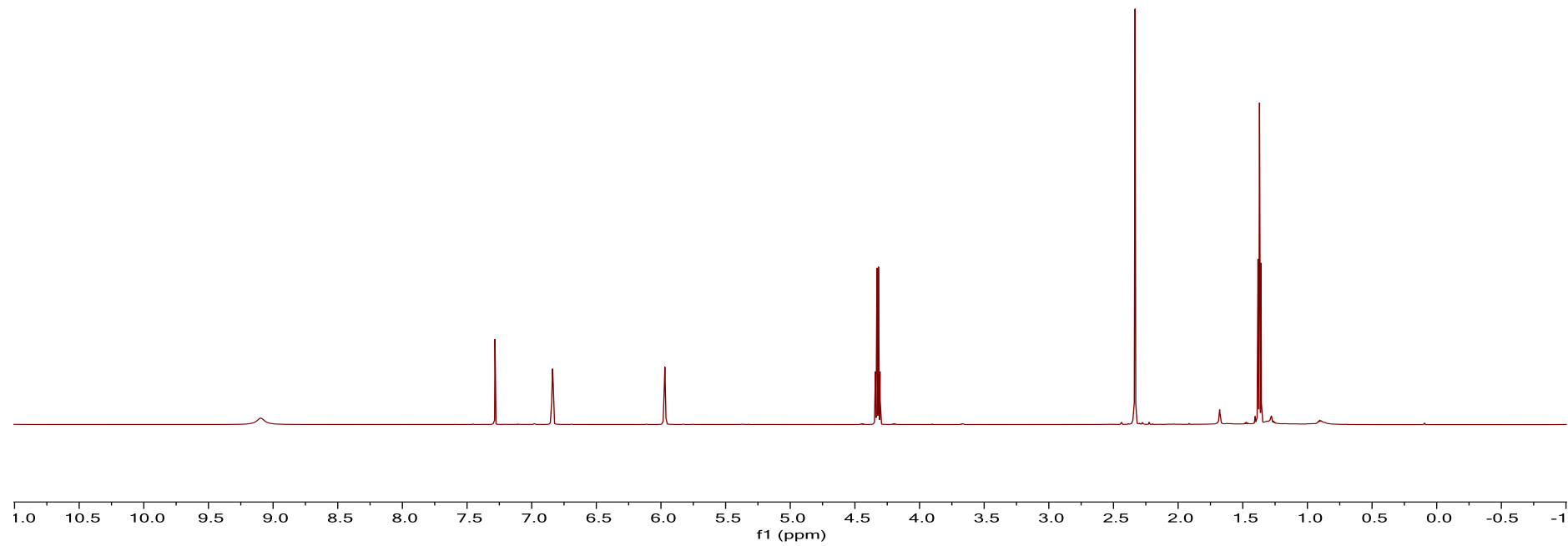
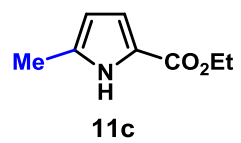


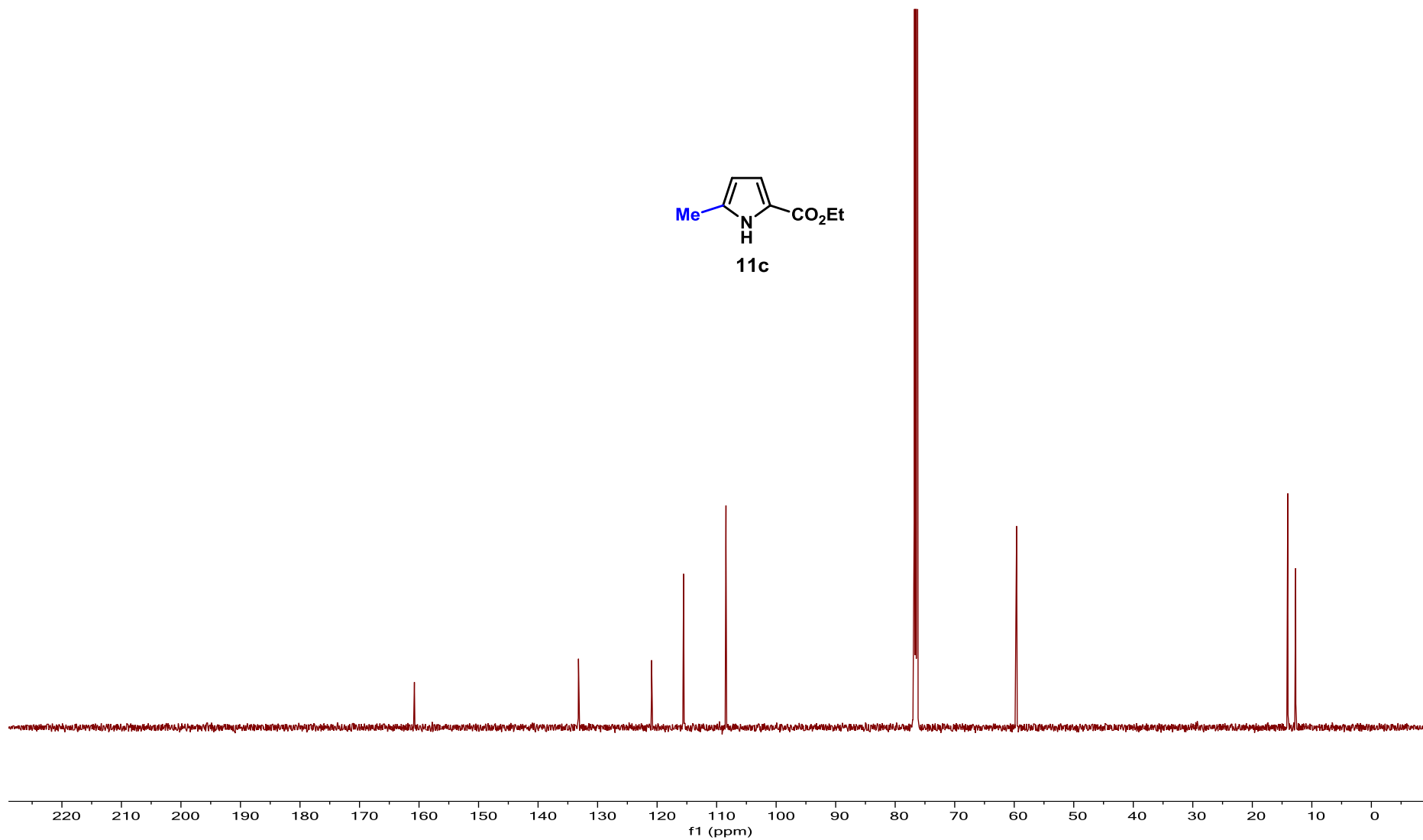
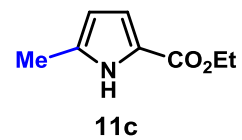


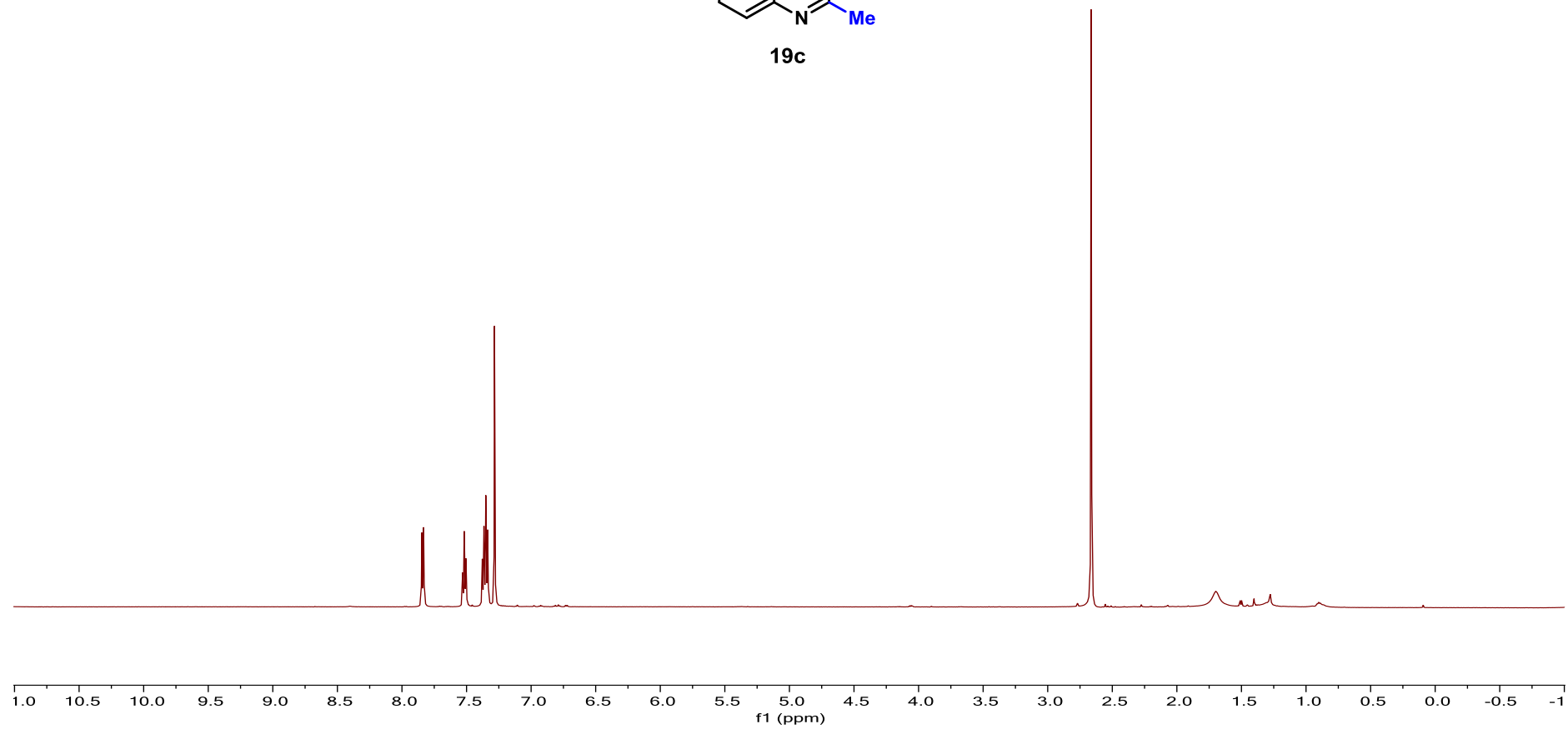
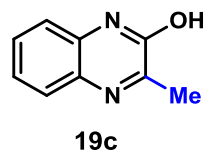
4. NMR Spectra of desulfonylation products 7c to 29c

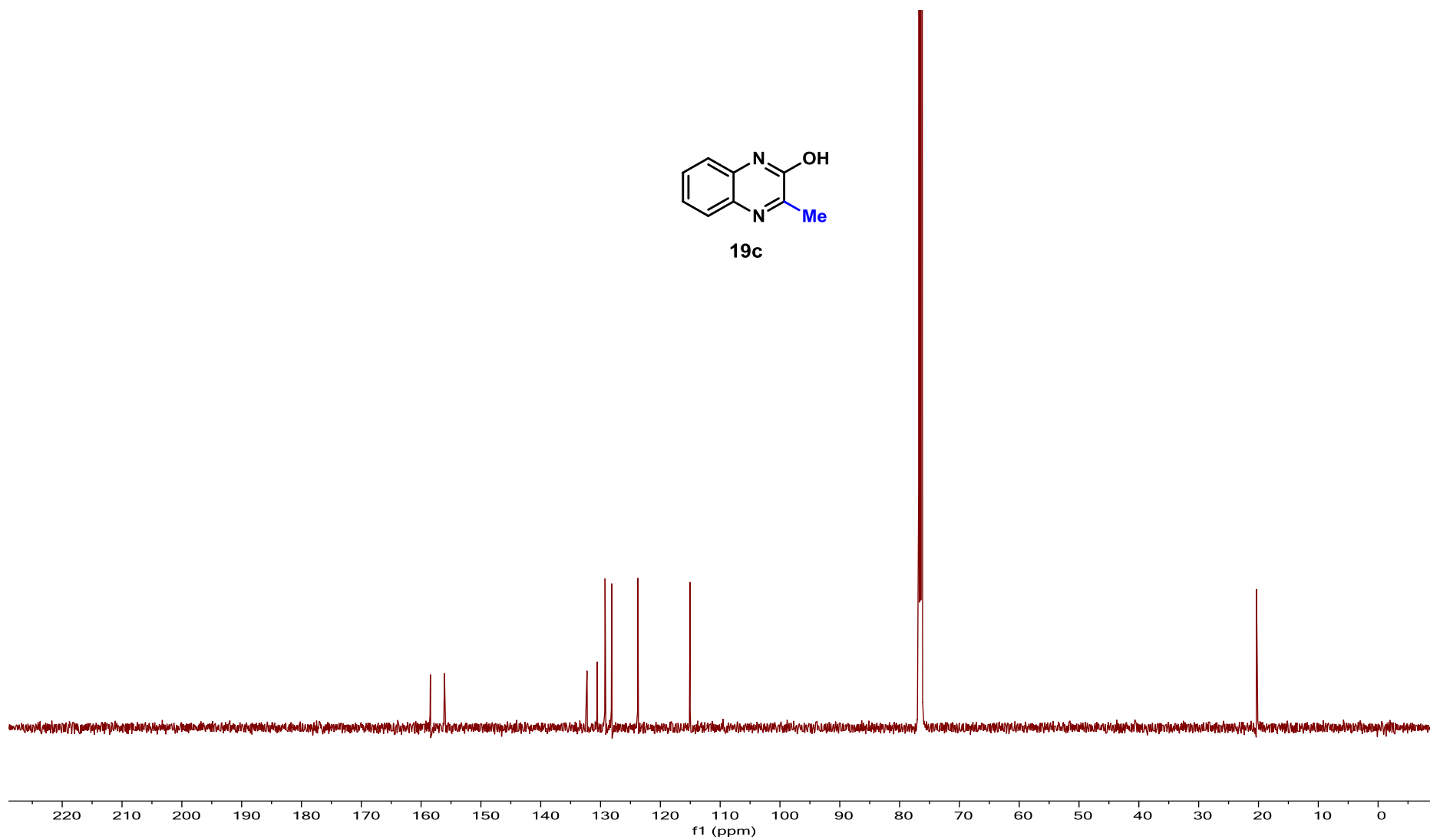
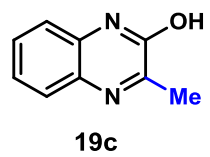


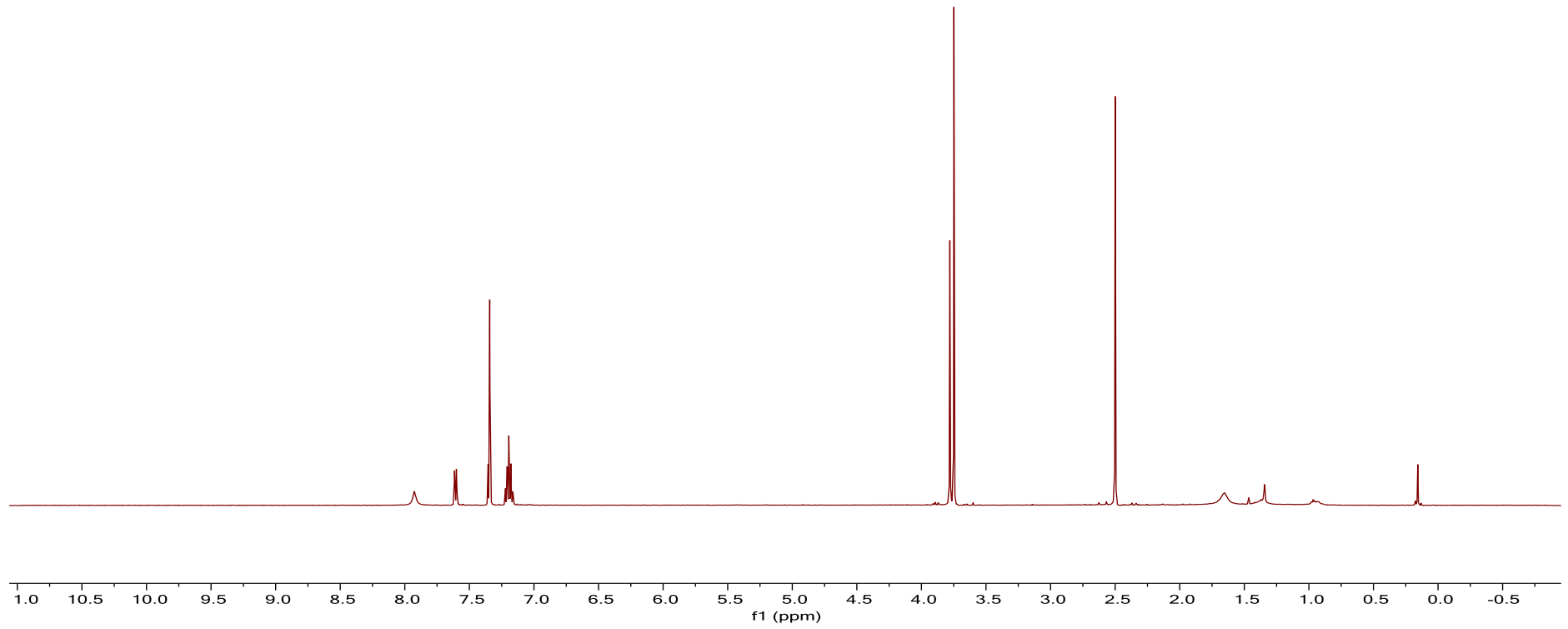
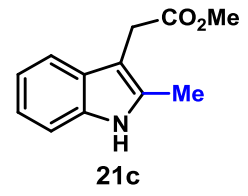


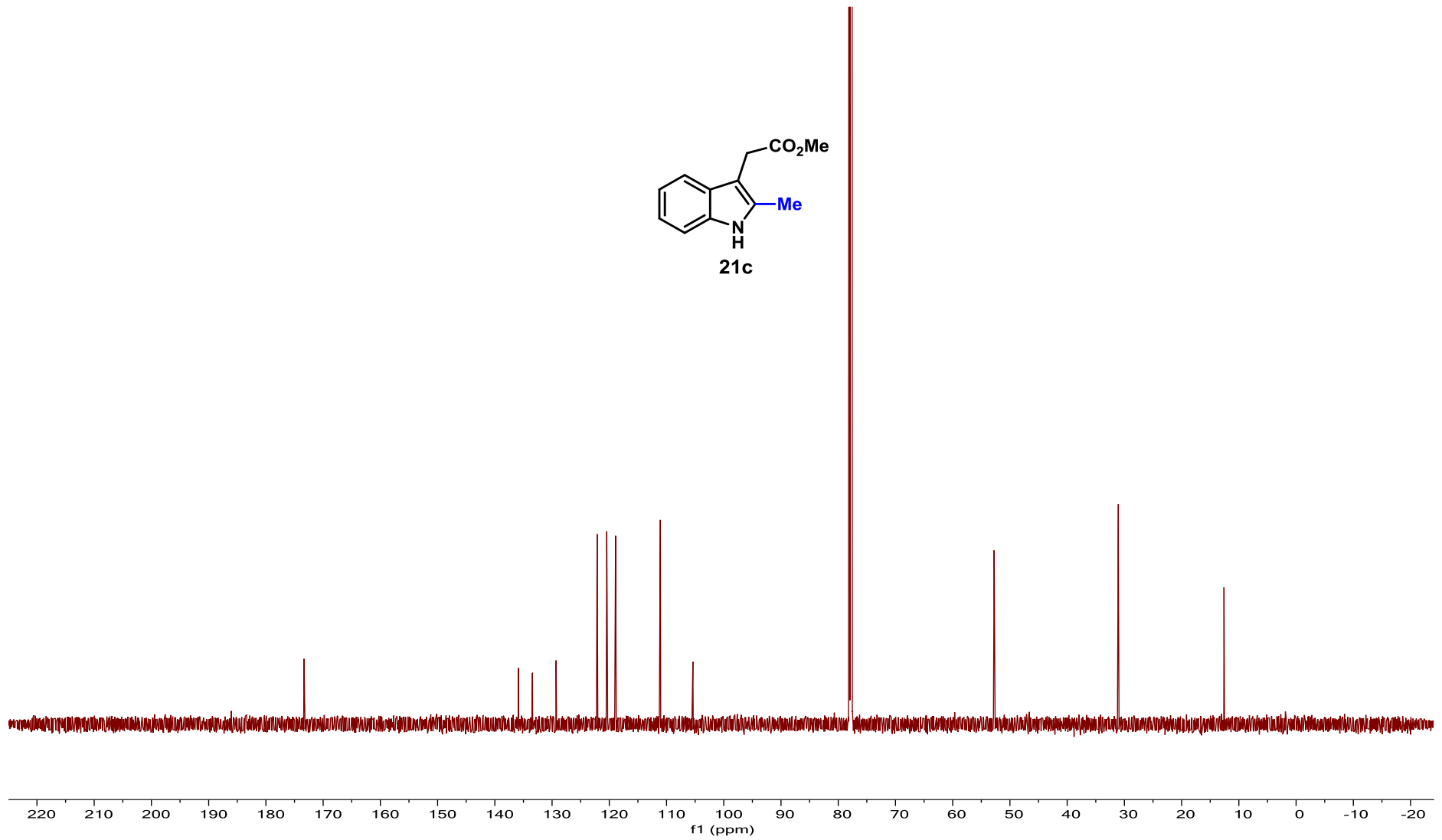
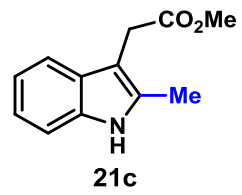


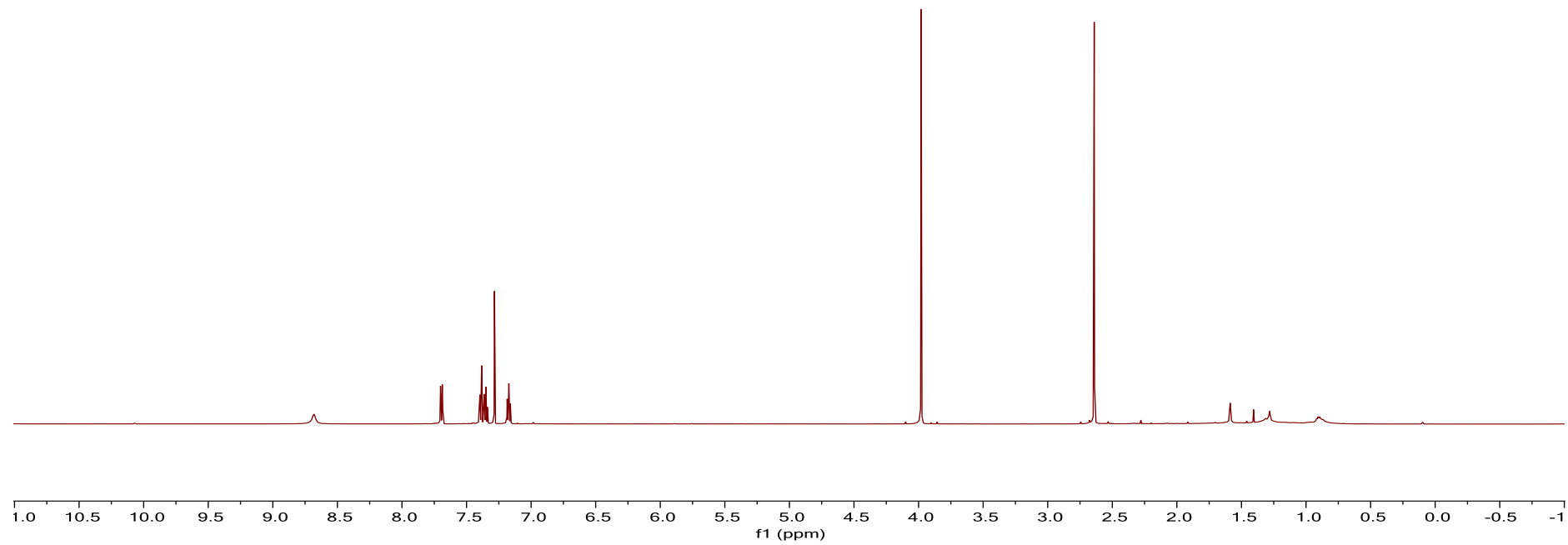
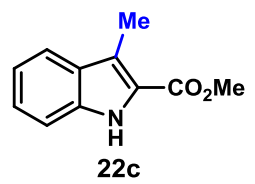


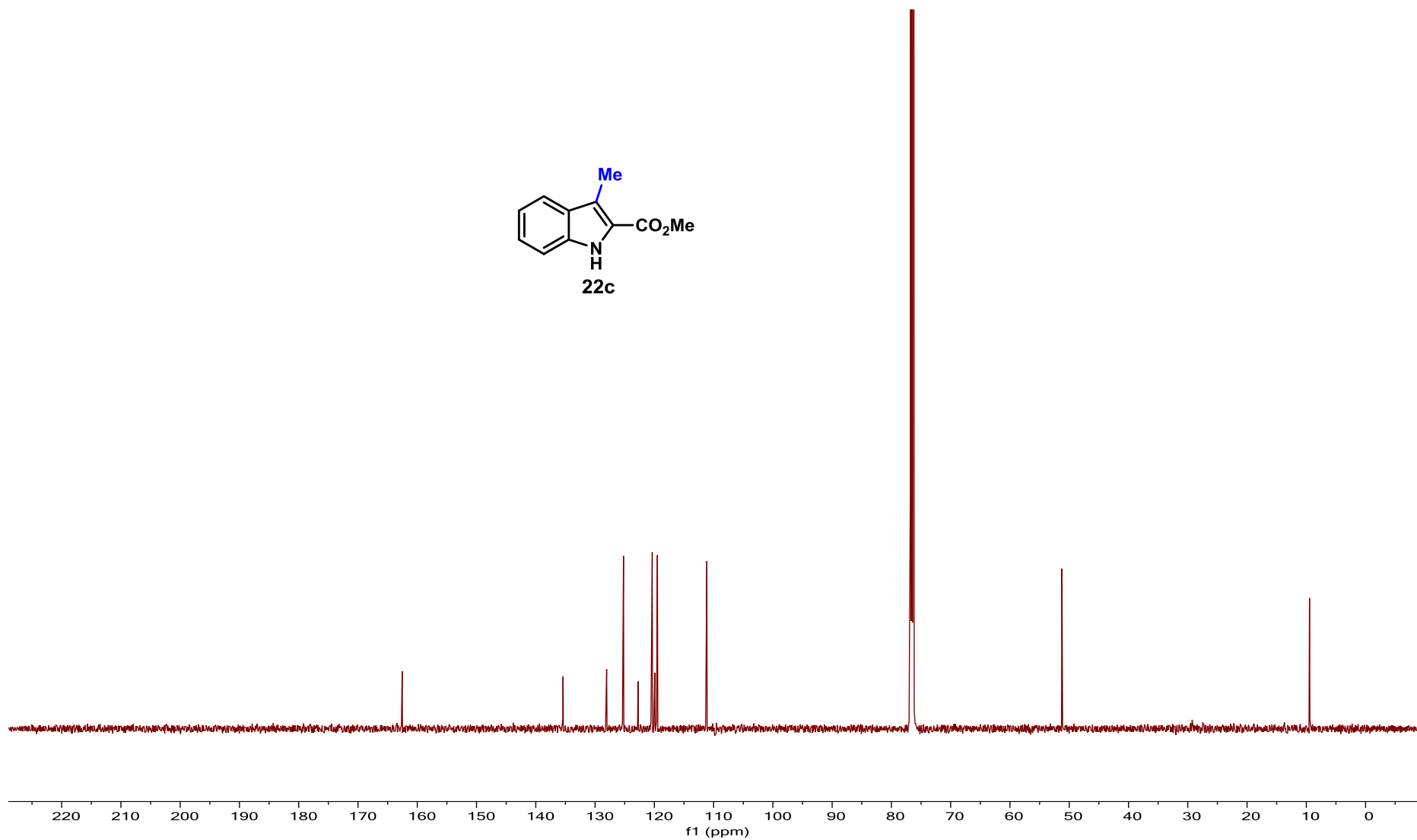
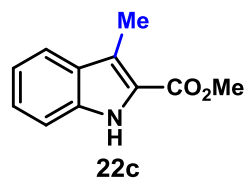


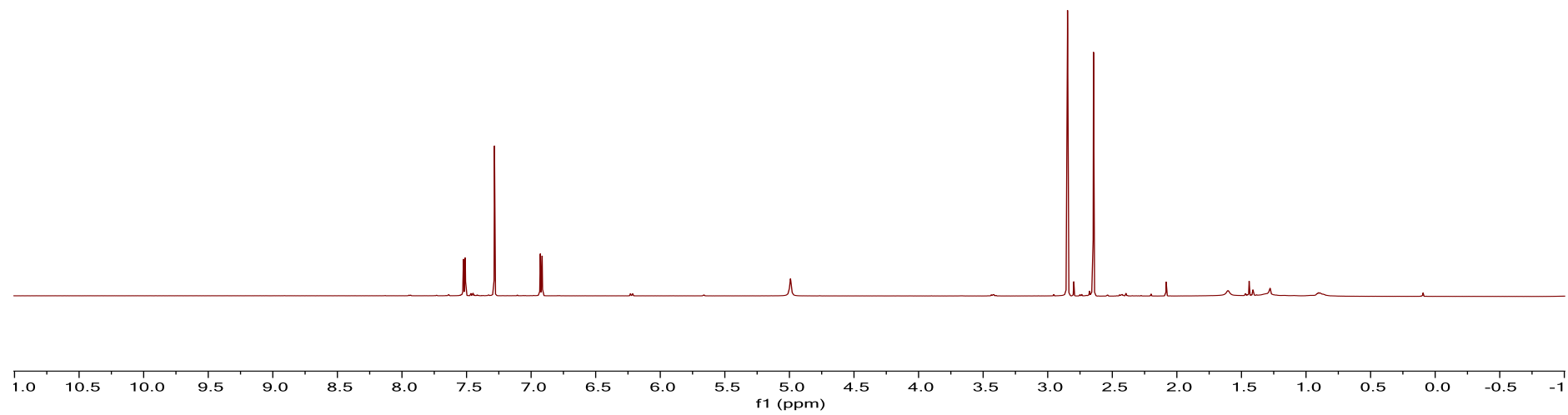
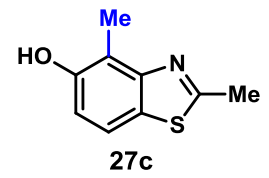


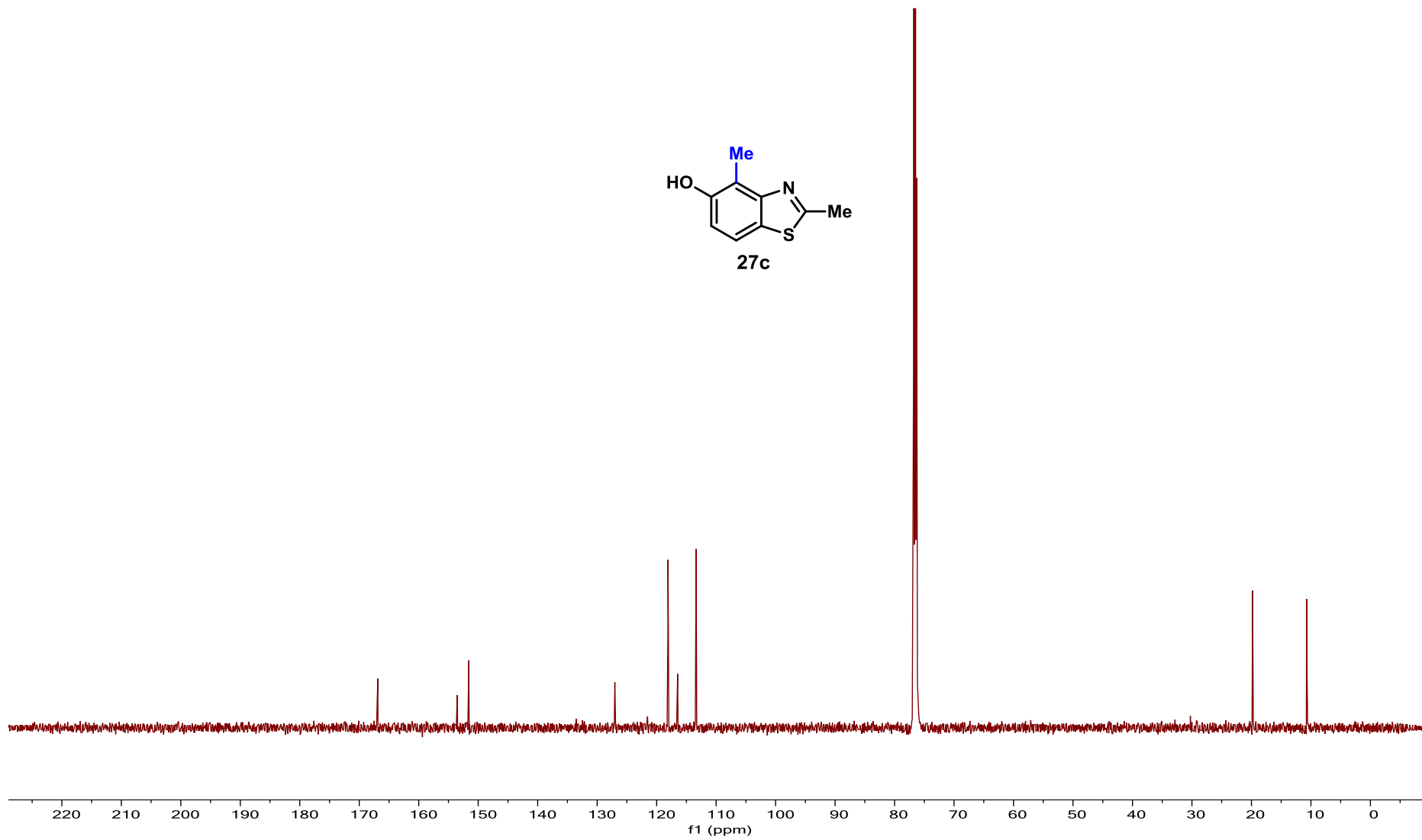
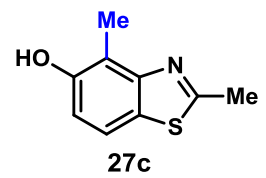


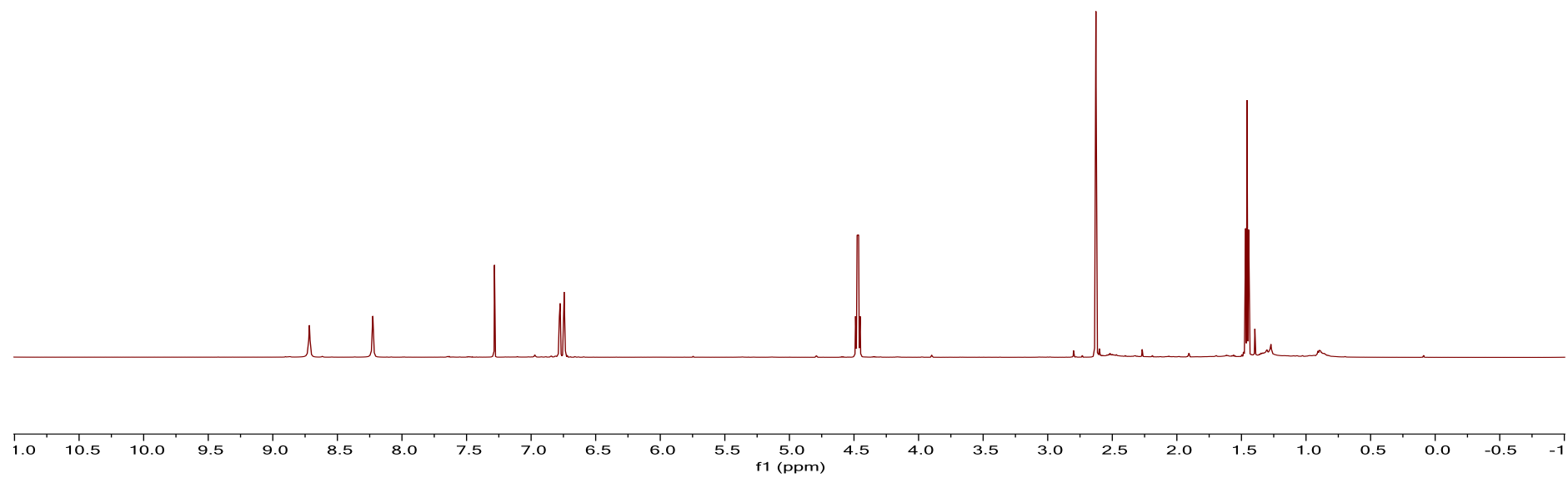
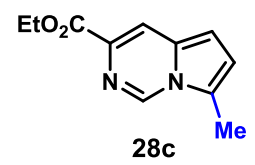


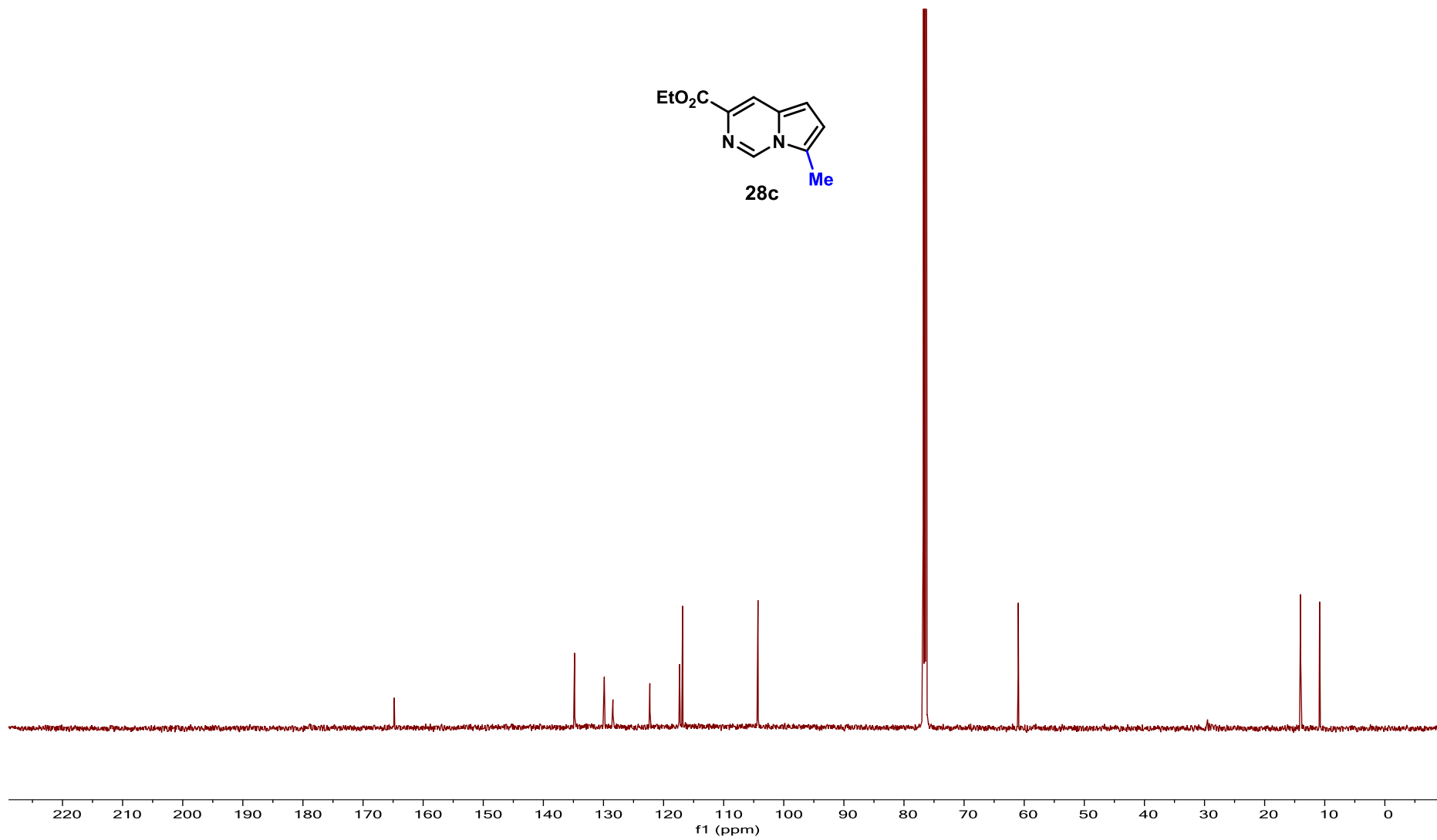
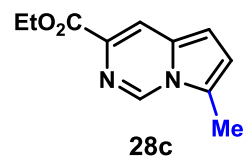


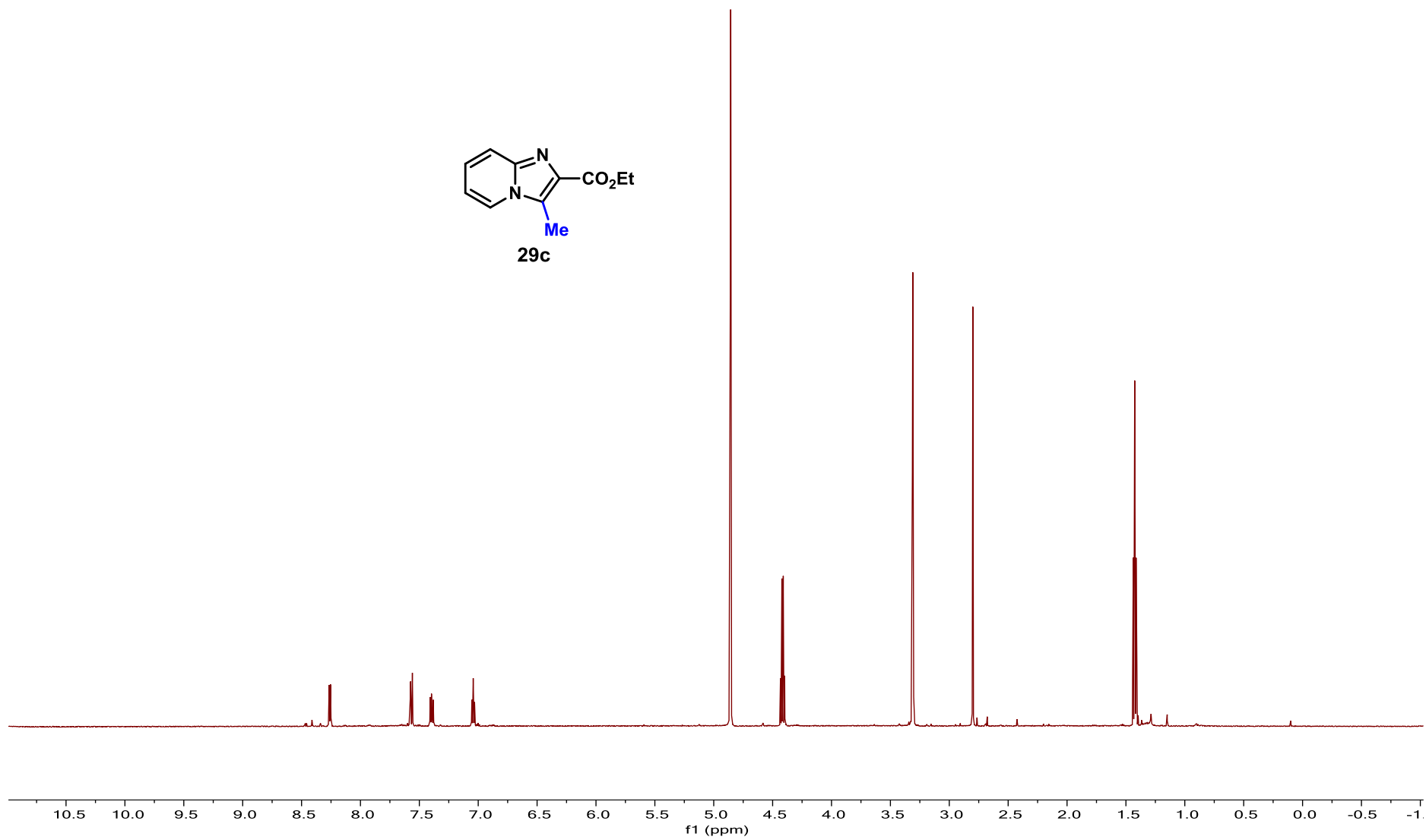
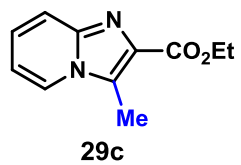


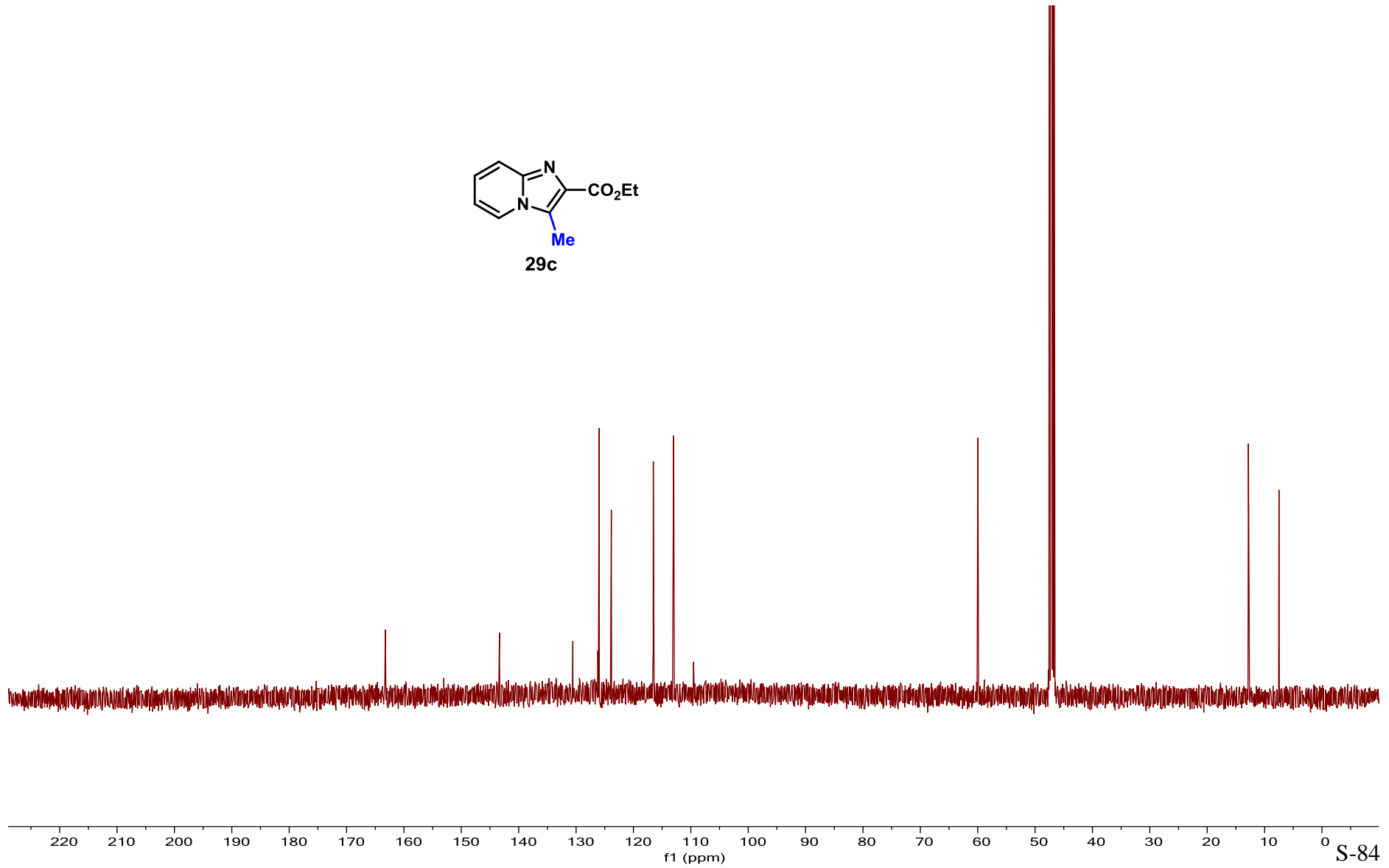
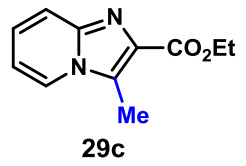




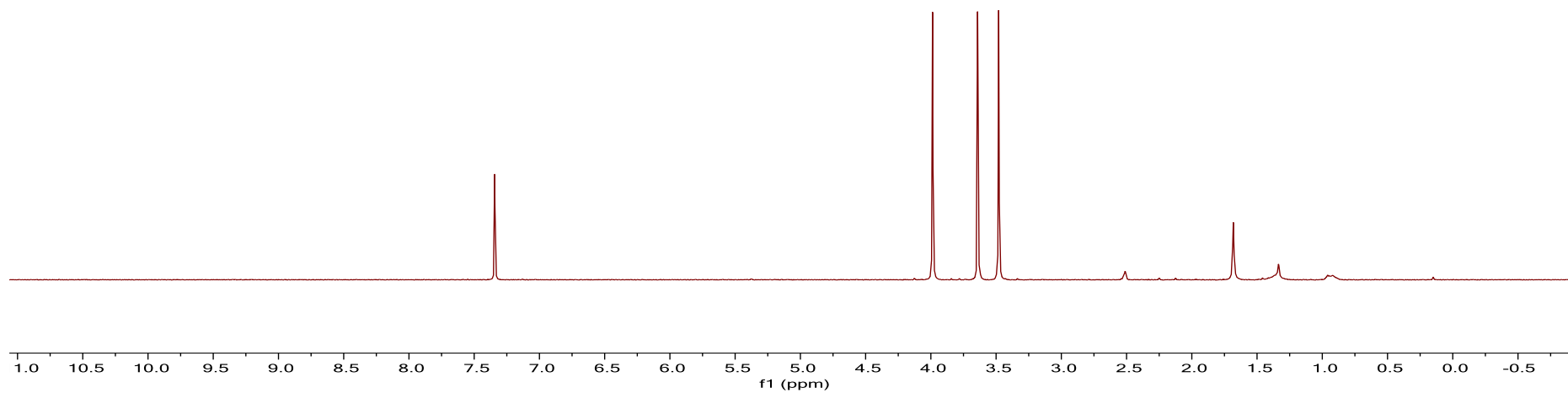
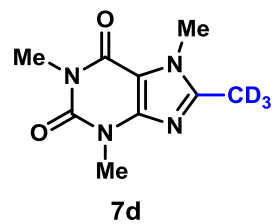


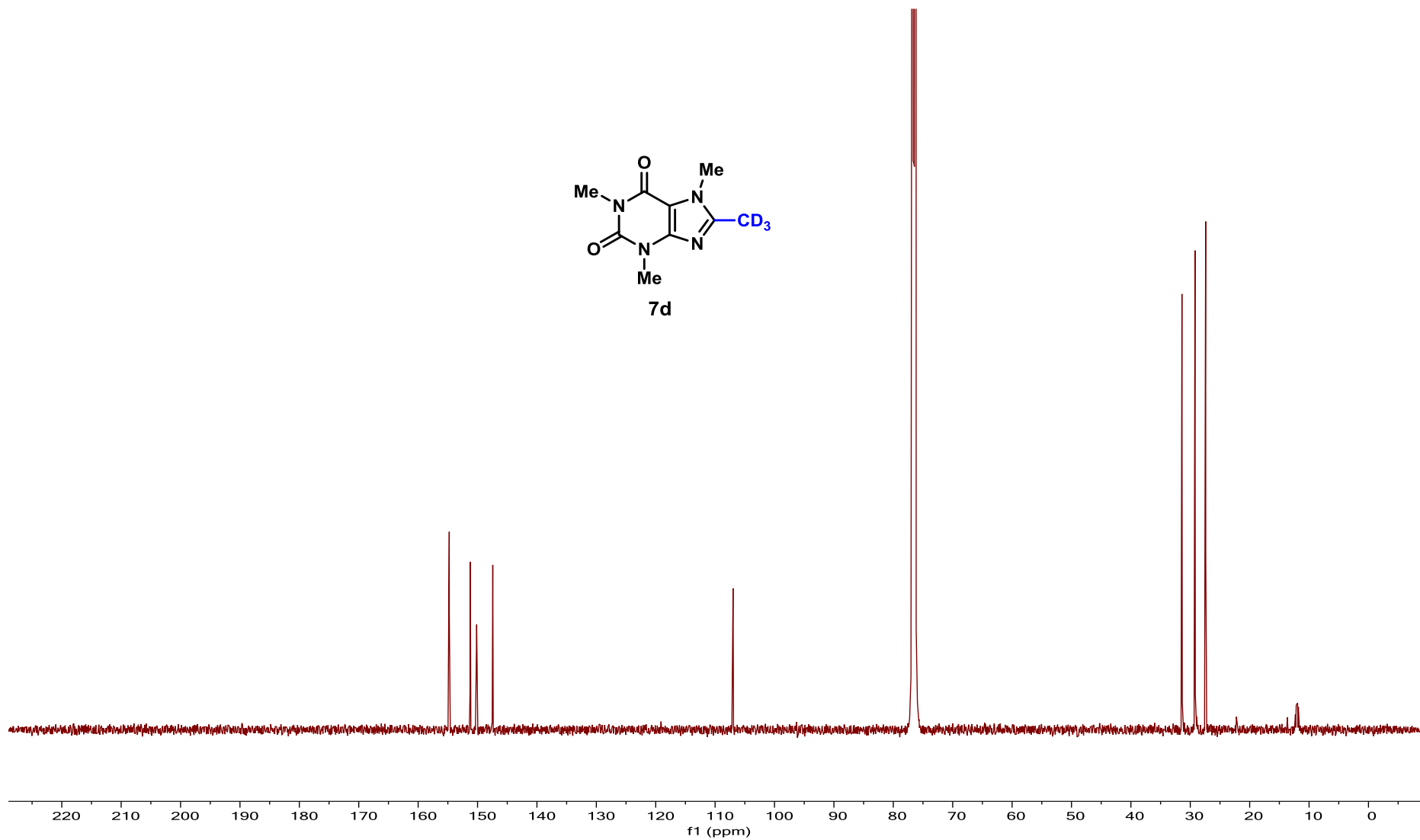
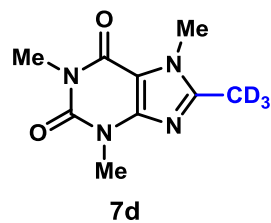


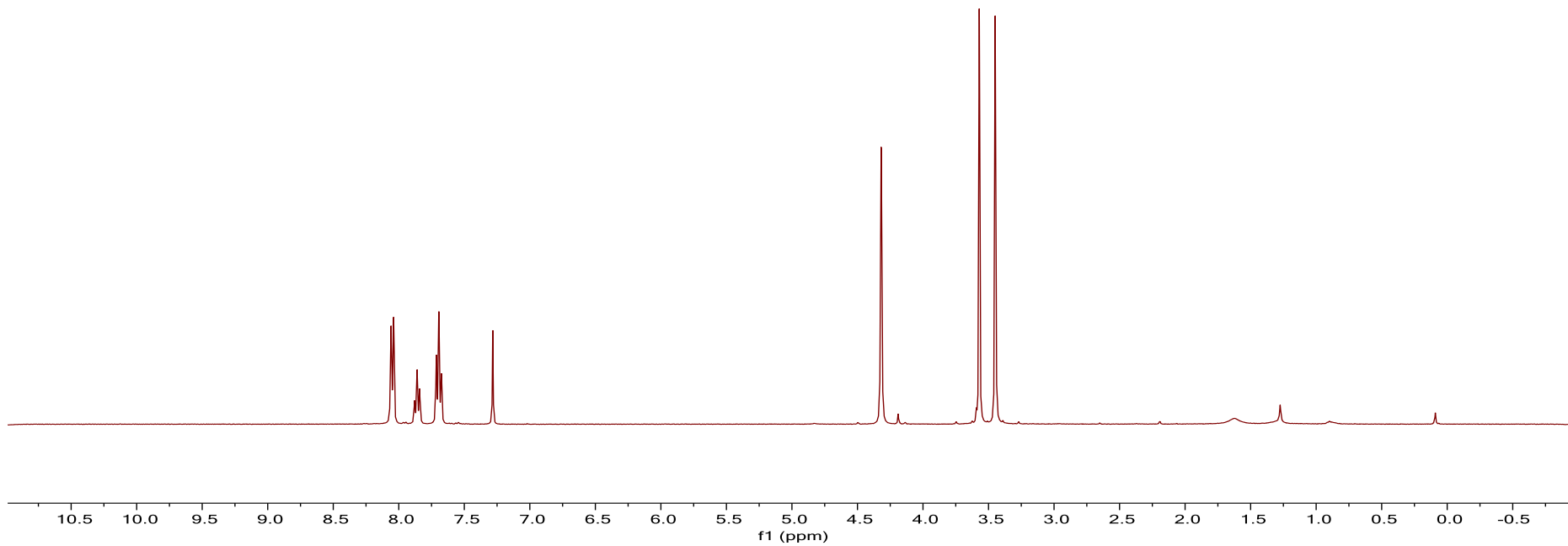
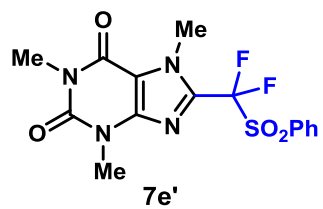


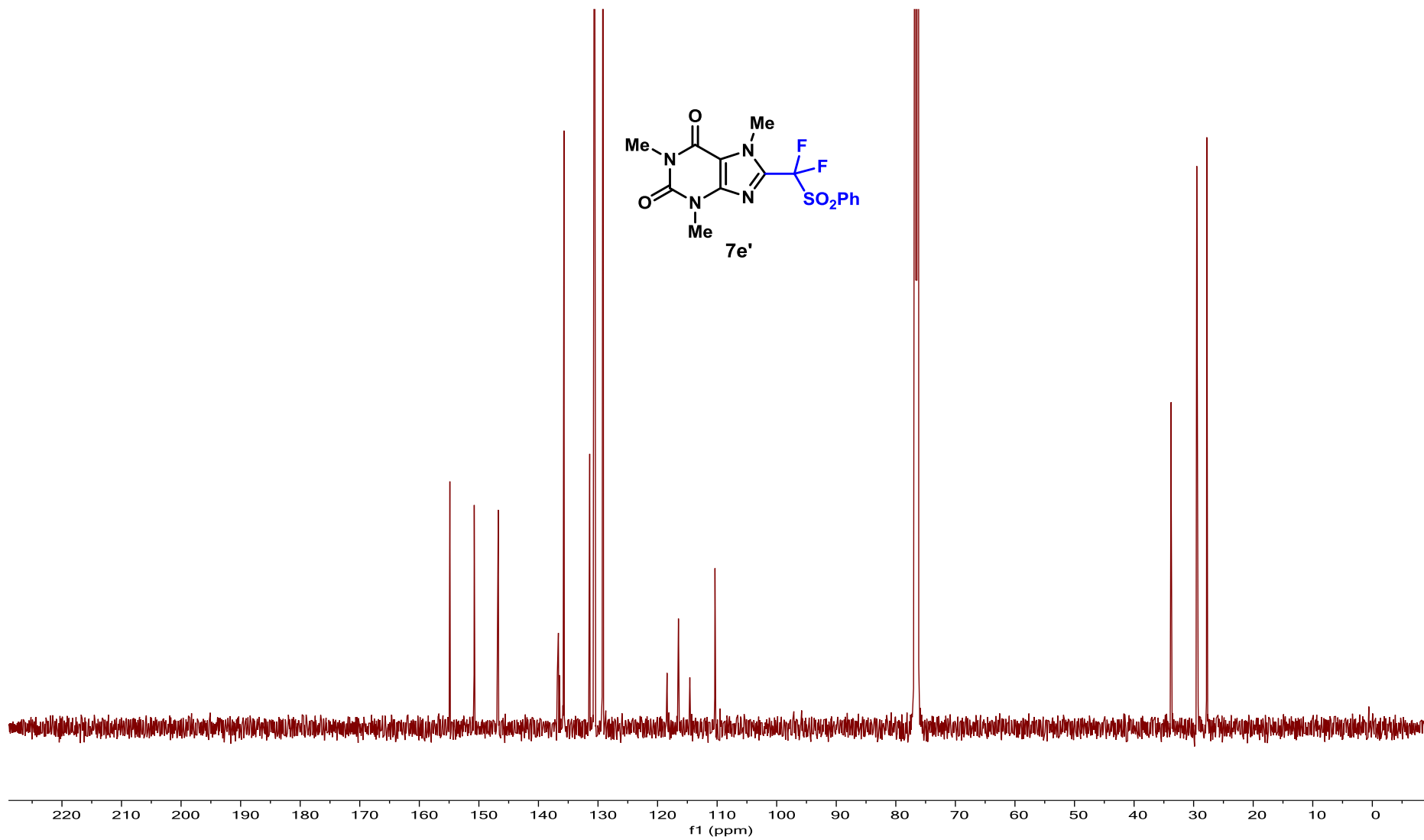


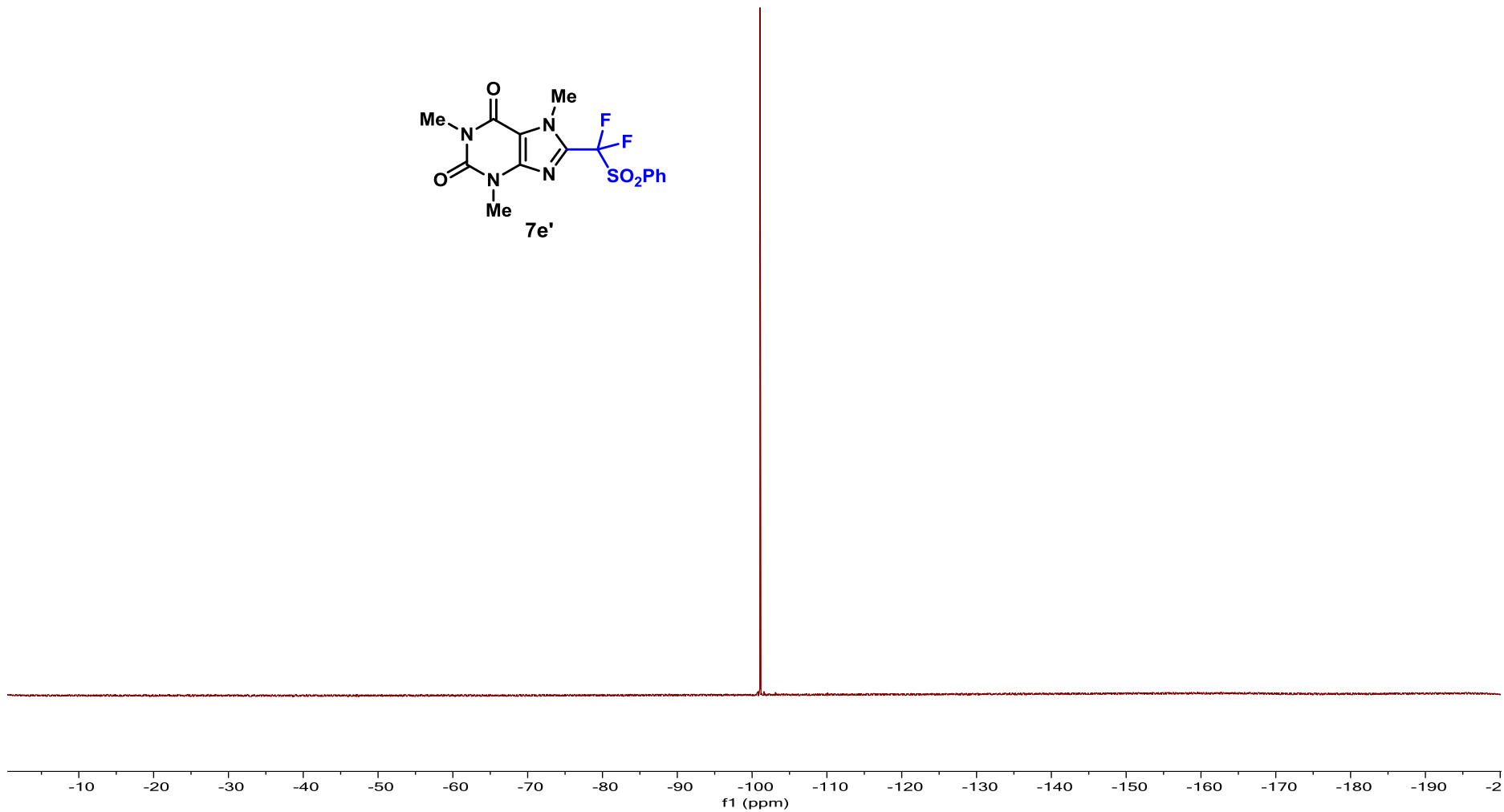
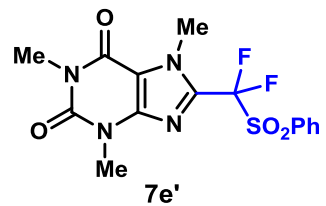
5. NMR Spectra of phenylsulfonylmethyl derived products 7d to 7f

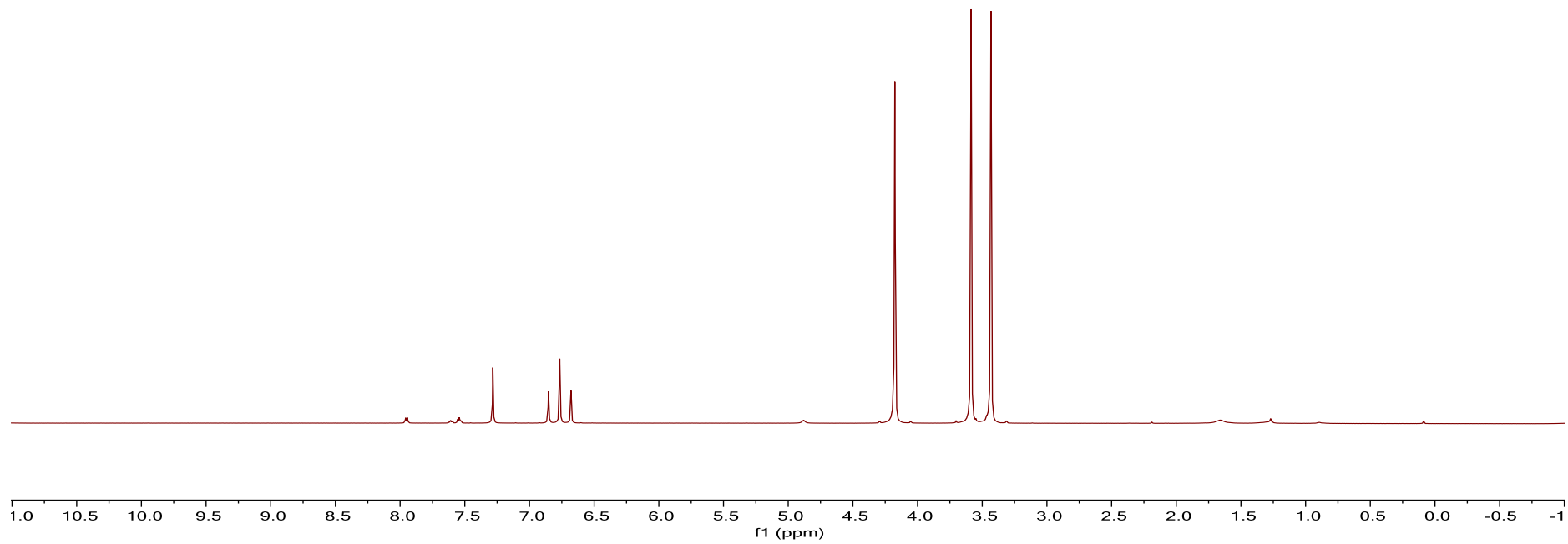
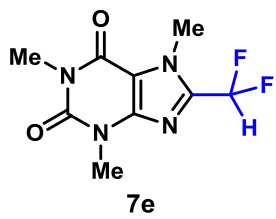


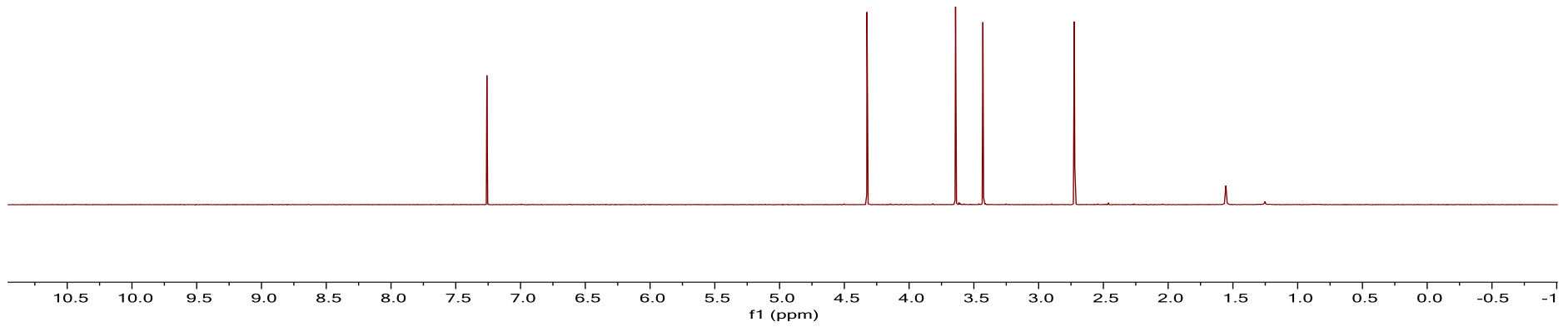
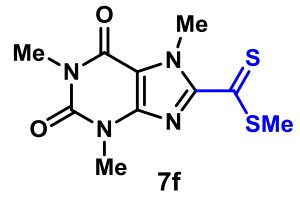


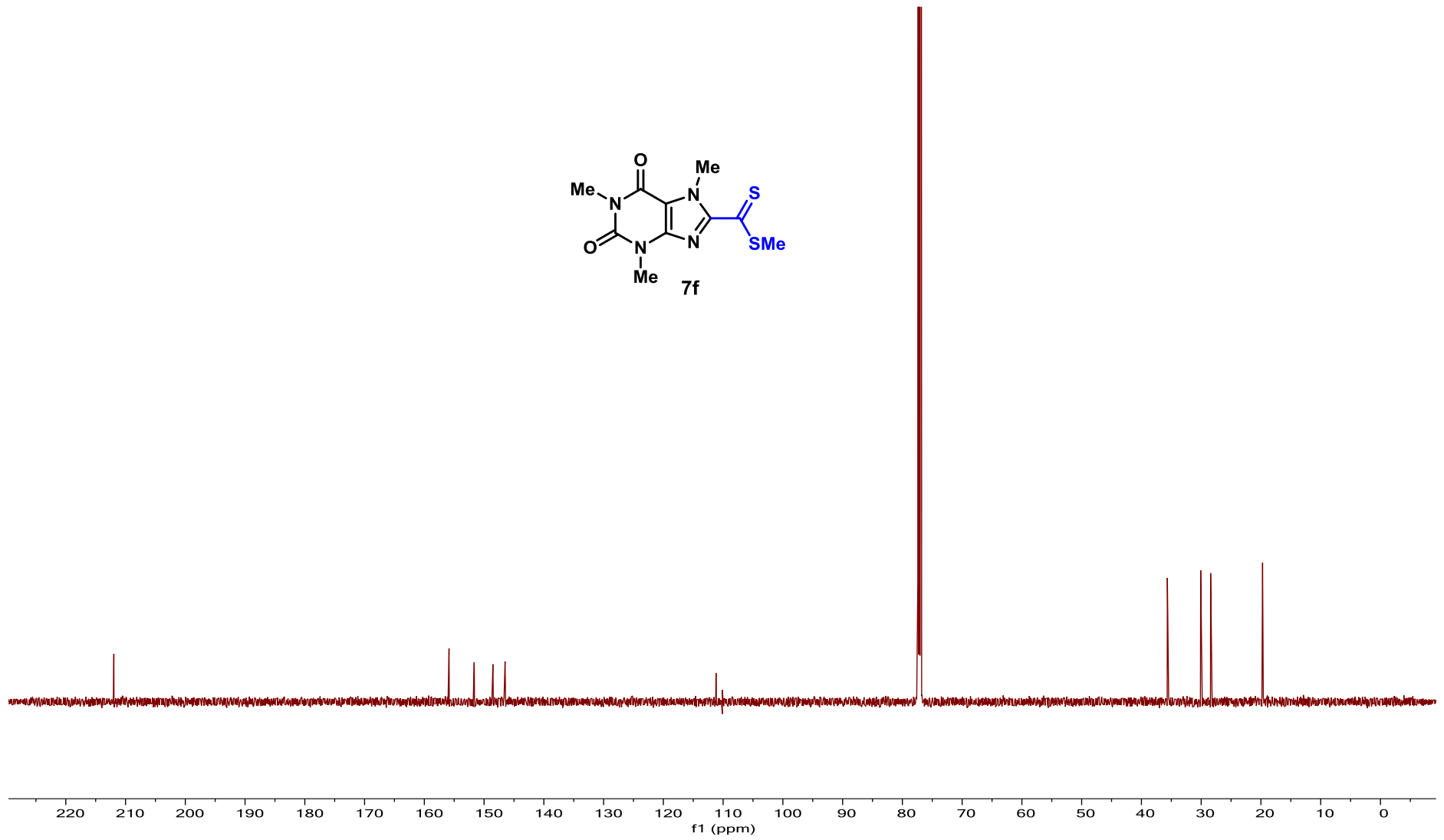
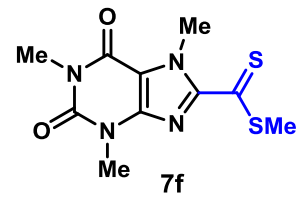




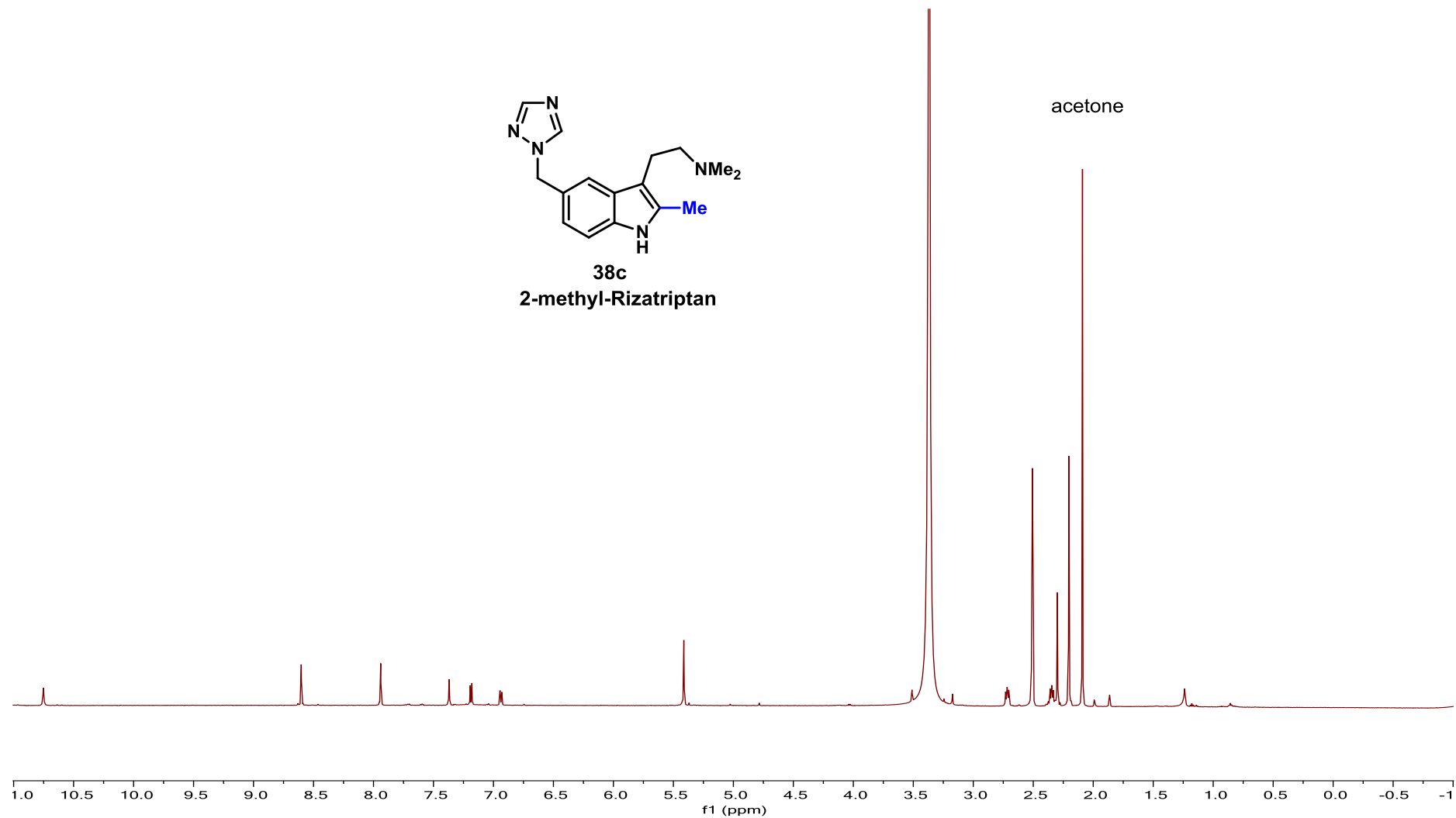
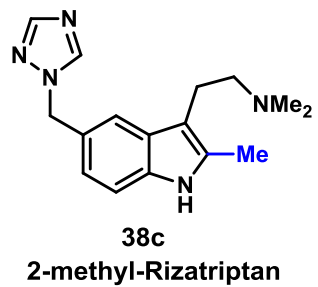


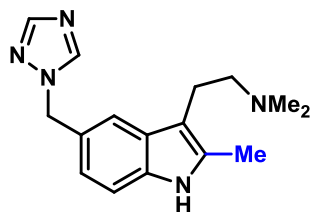




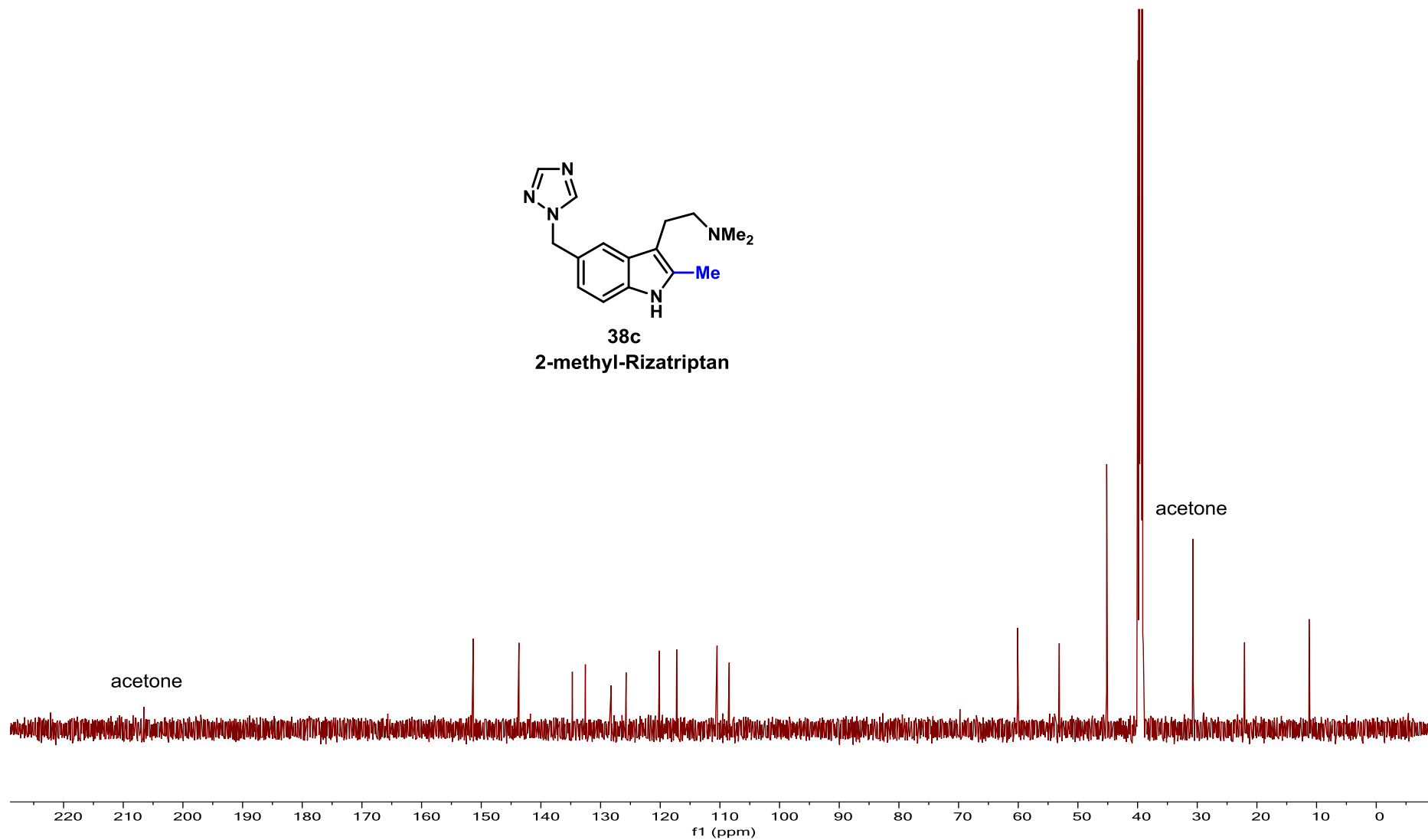


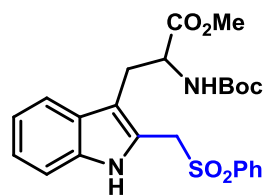
6. NMR Spectra of biologically important products 37c to 39c



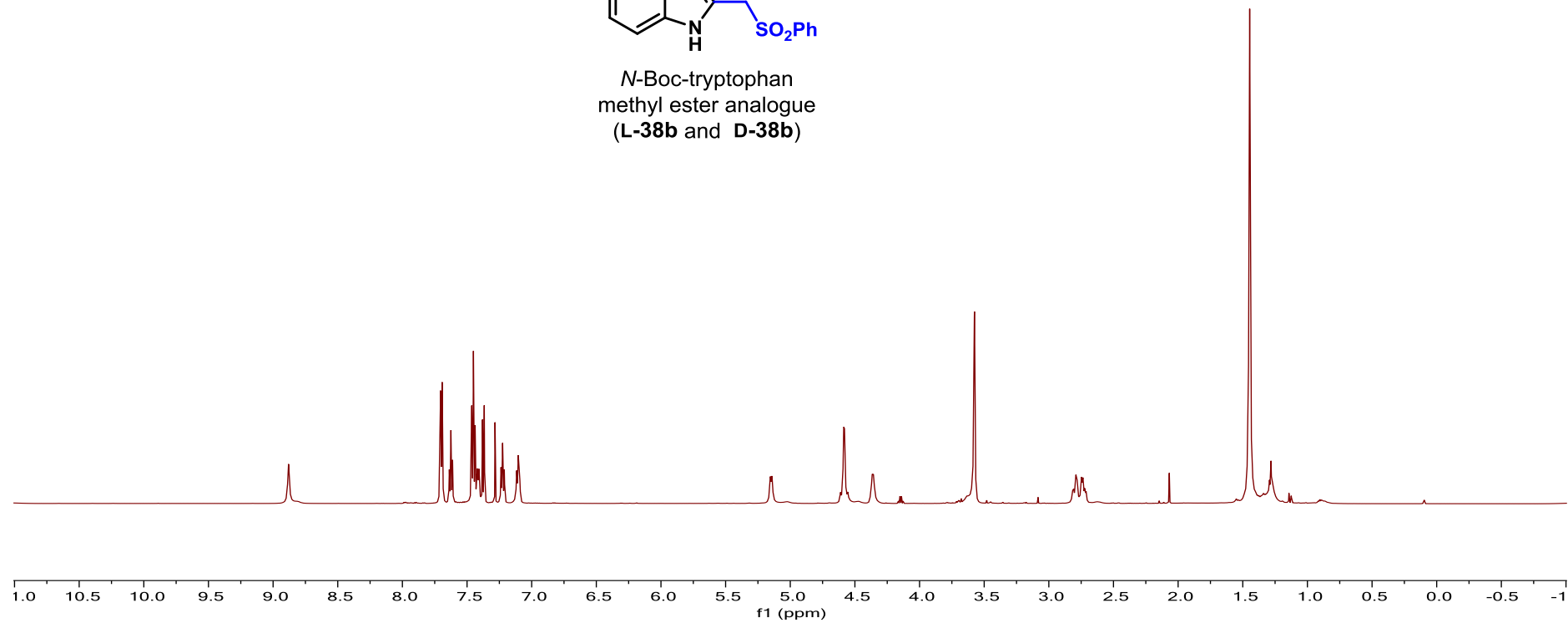


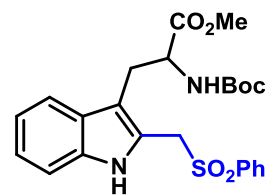
38c
2-methyl-Rizatriptan



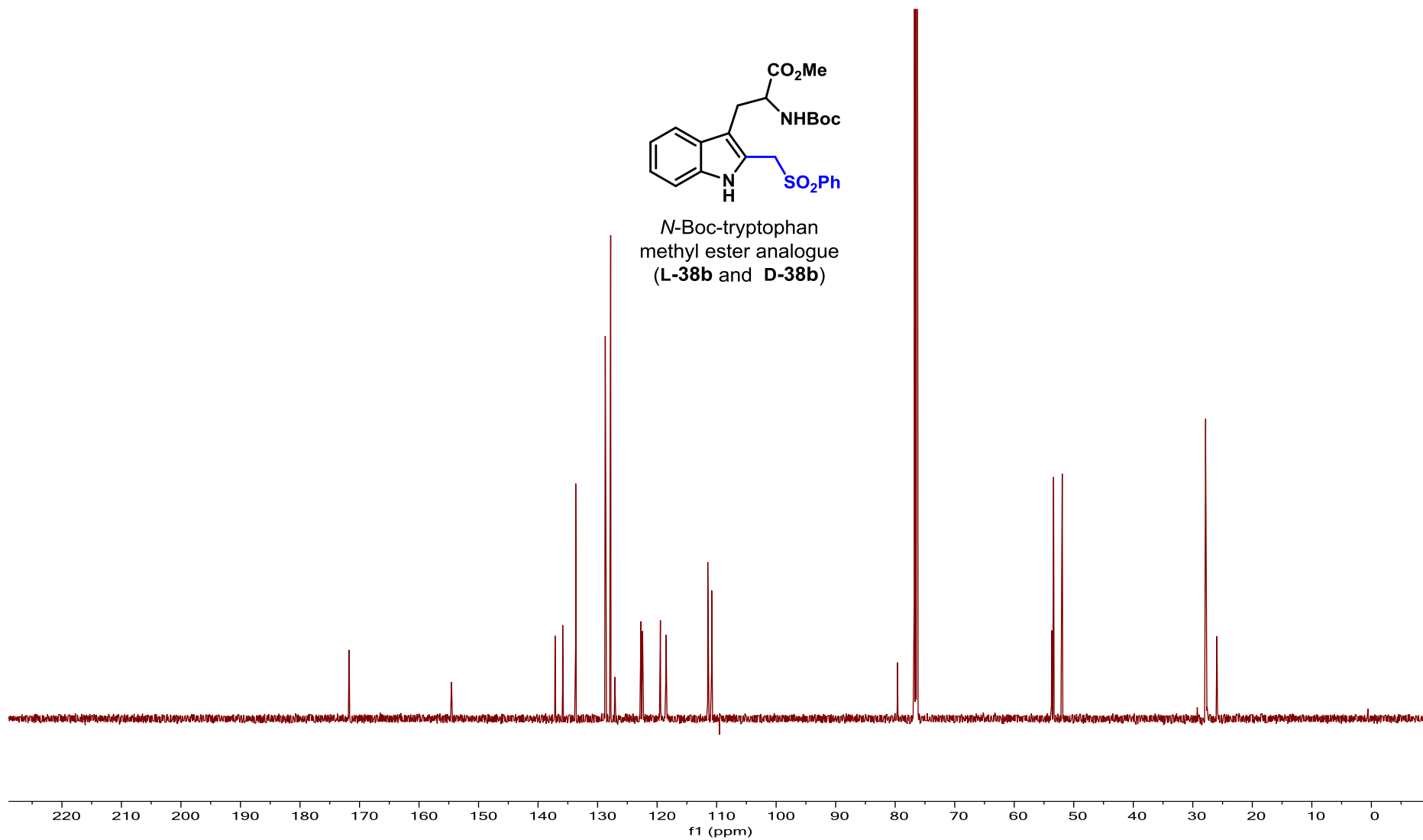


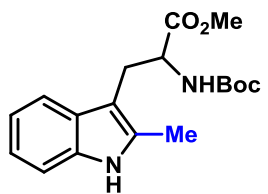
N-Boc-tryptophan
methyl ester analogue
(**L-38b** and **D-38b**)



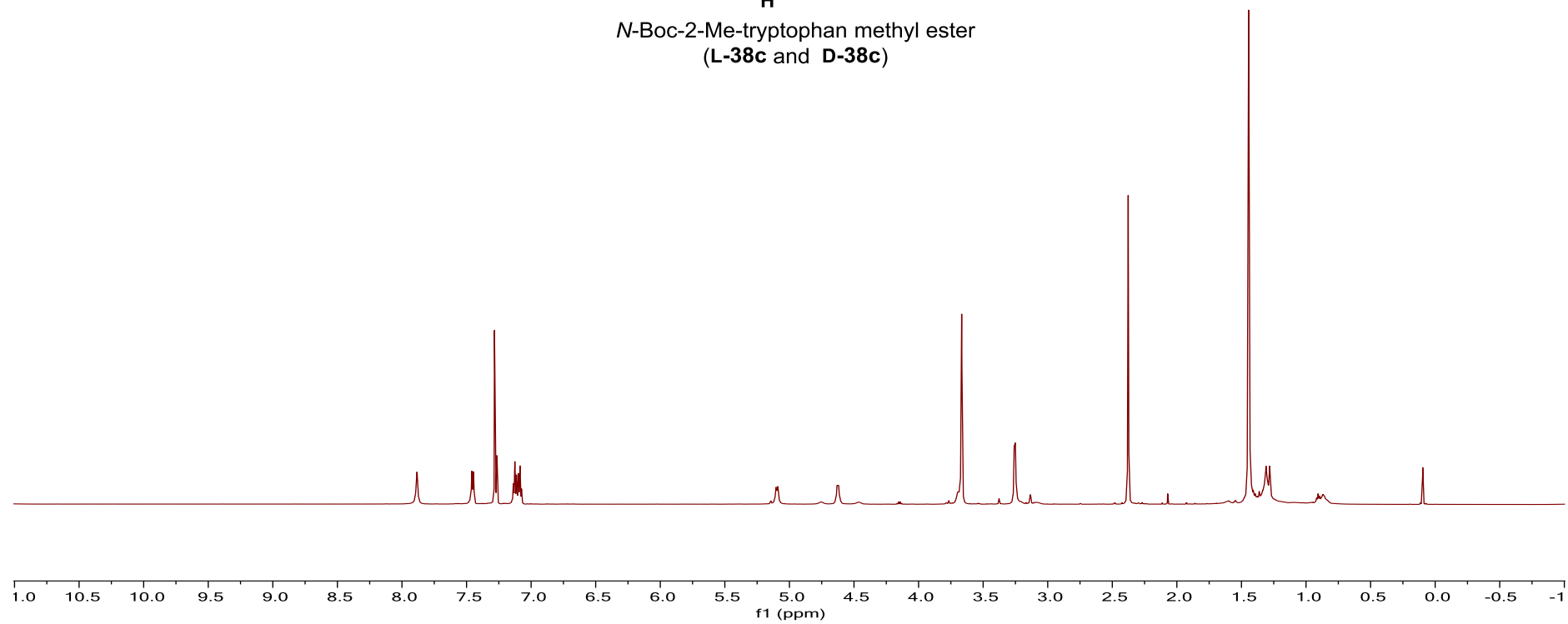


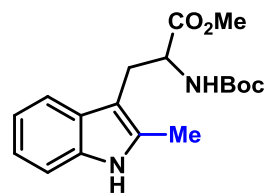
N-Boc-tryptophan
methyl ester analogue
(**L-38b** and **D-38b**)



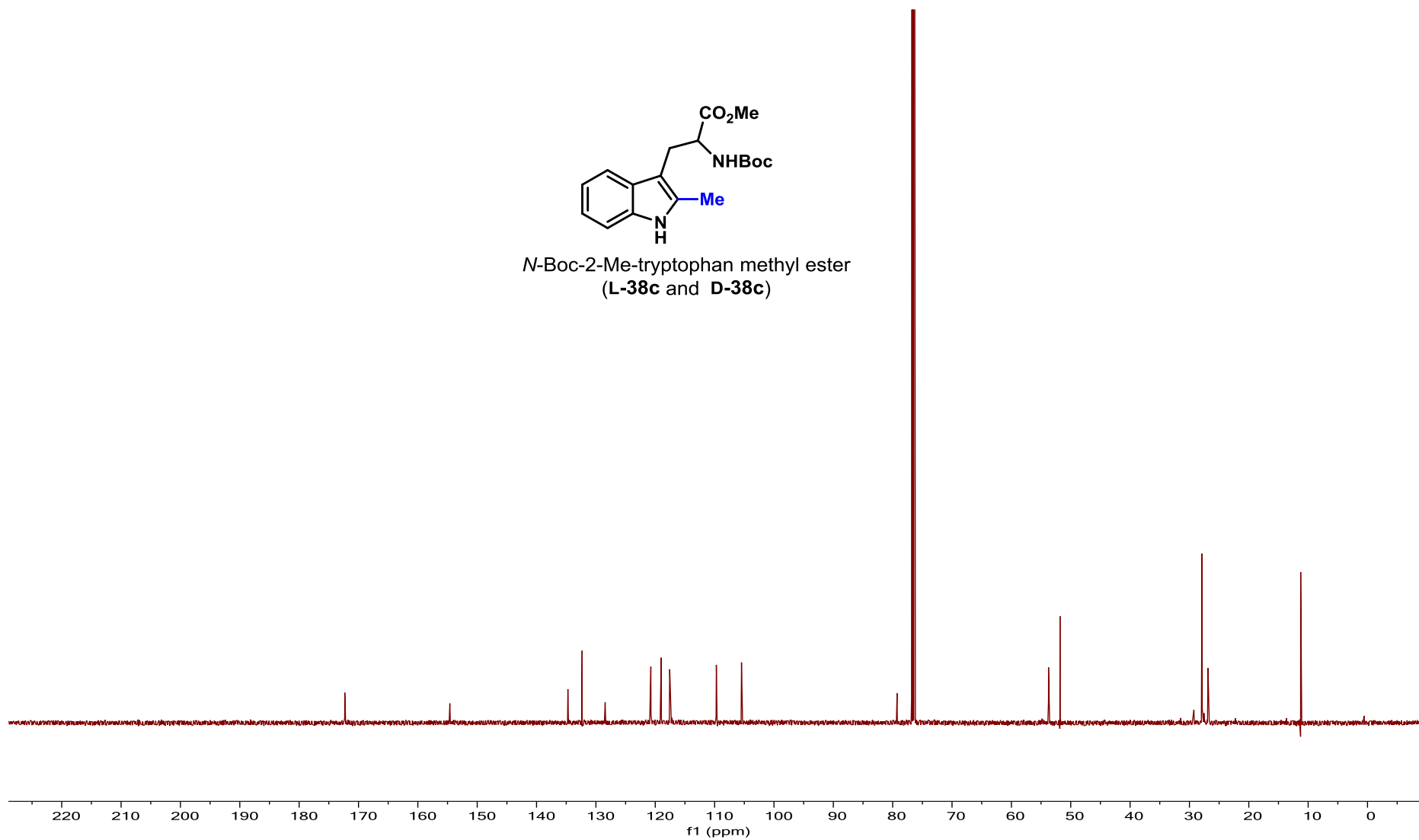


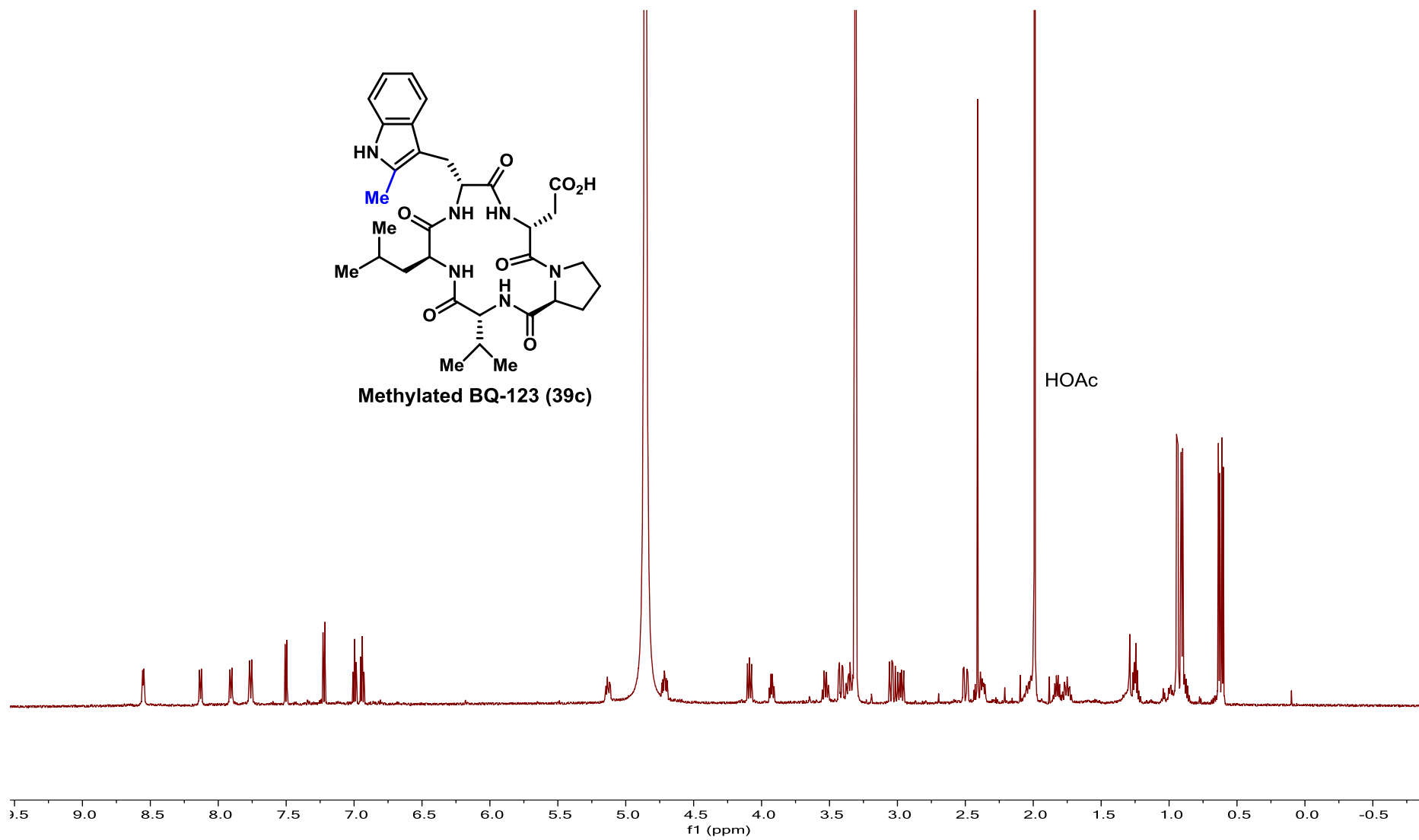
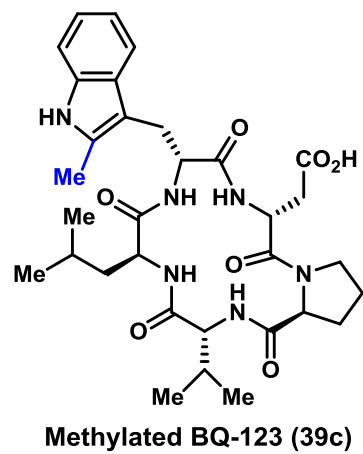
N-Boc-2-Me-tryptophan methyl ester
(**L-38c** and **D-38c**)

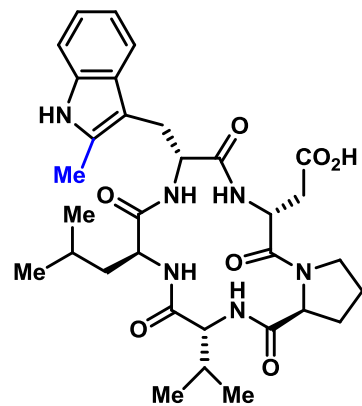




N-Boc-2-Me-tryptophan methyl ester
(L-38c and D-38c)







Methylated BQ-123 (39c)

