

Supplementary Material

Fusing privileged structures: synthesis and characterization of new benzothiophene-chalcone hybrids

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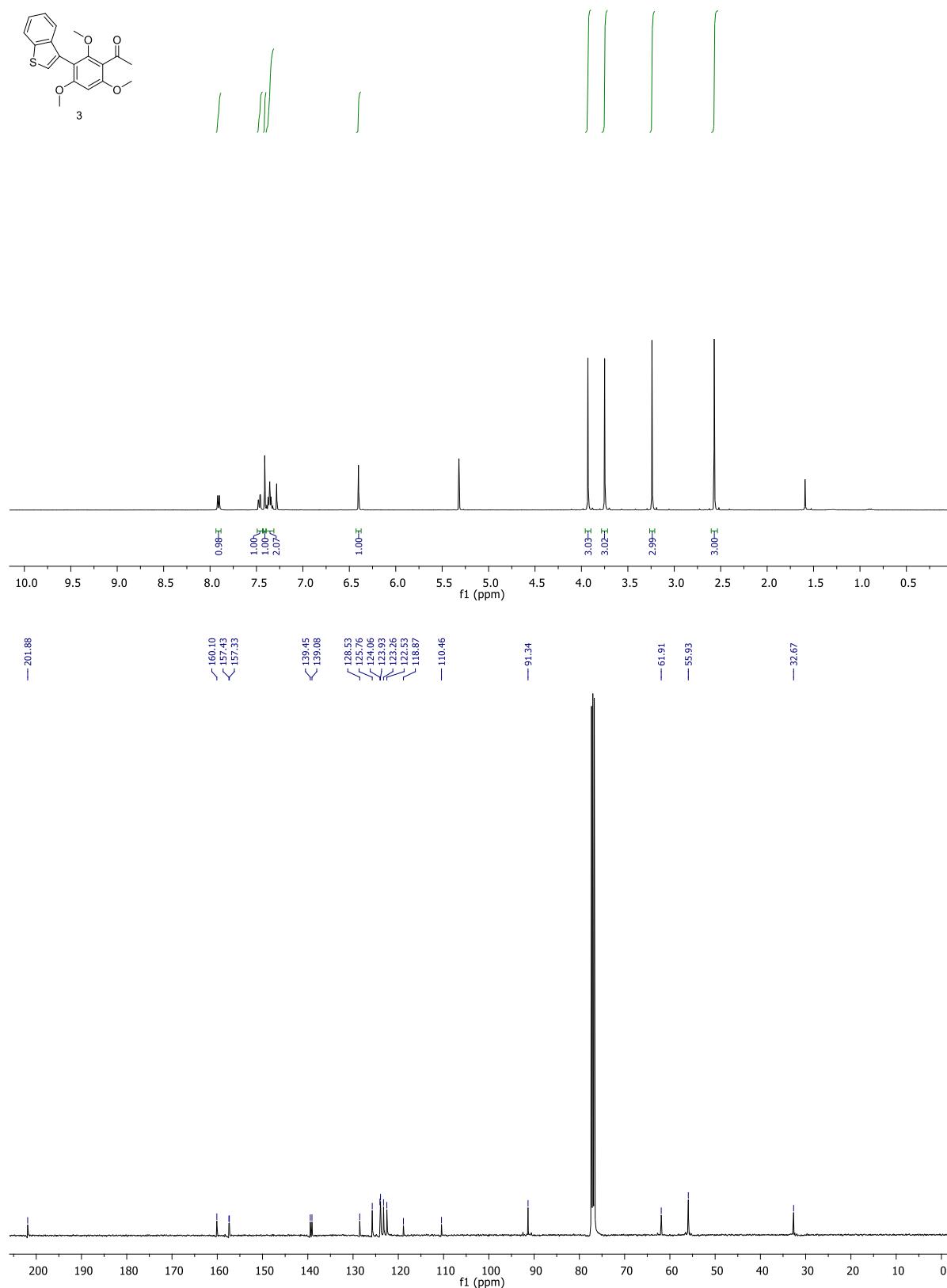
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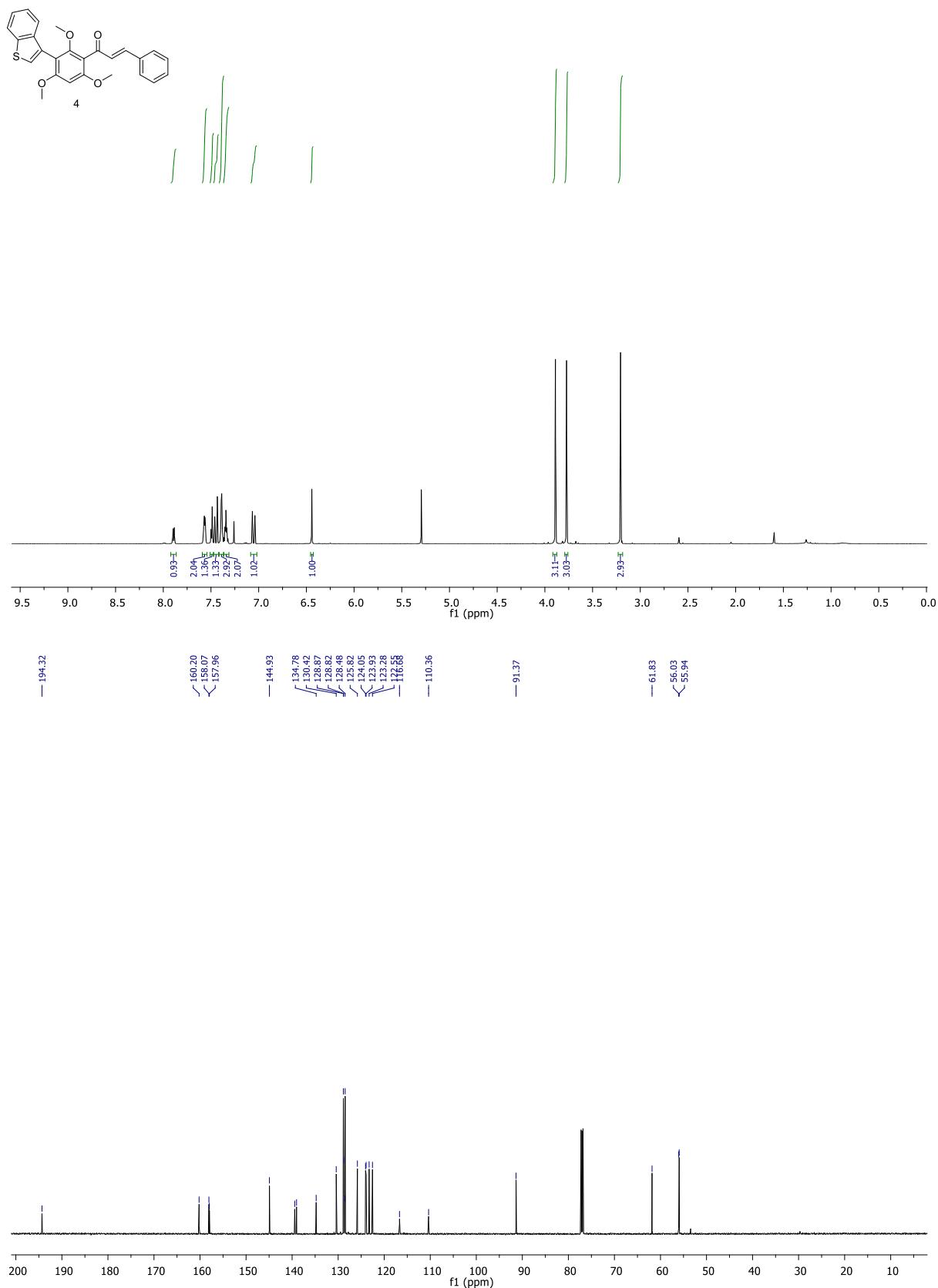
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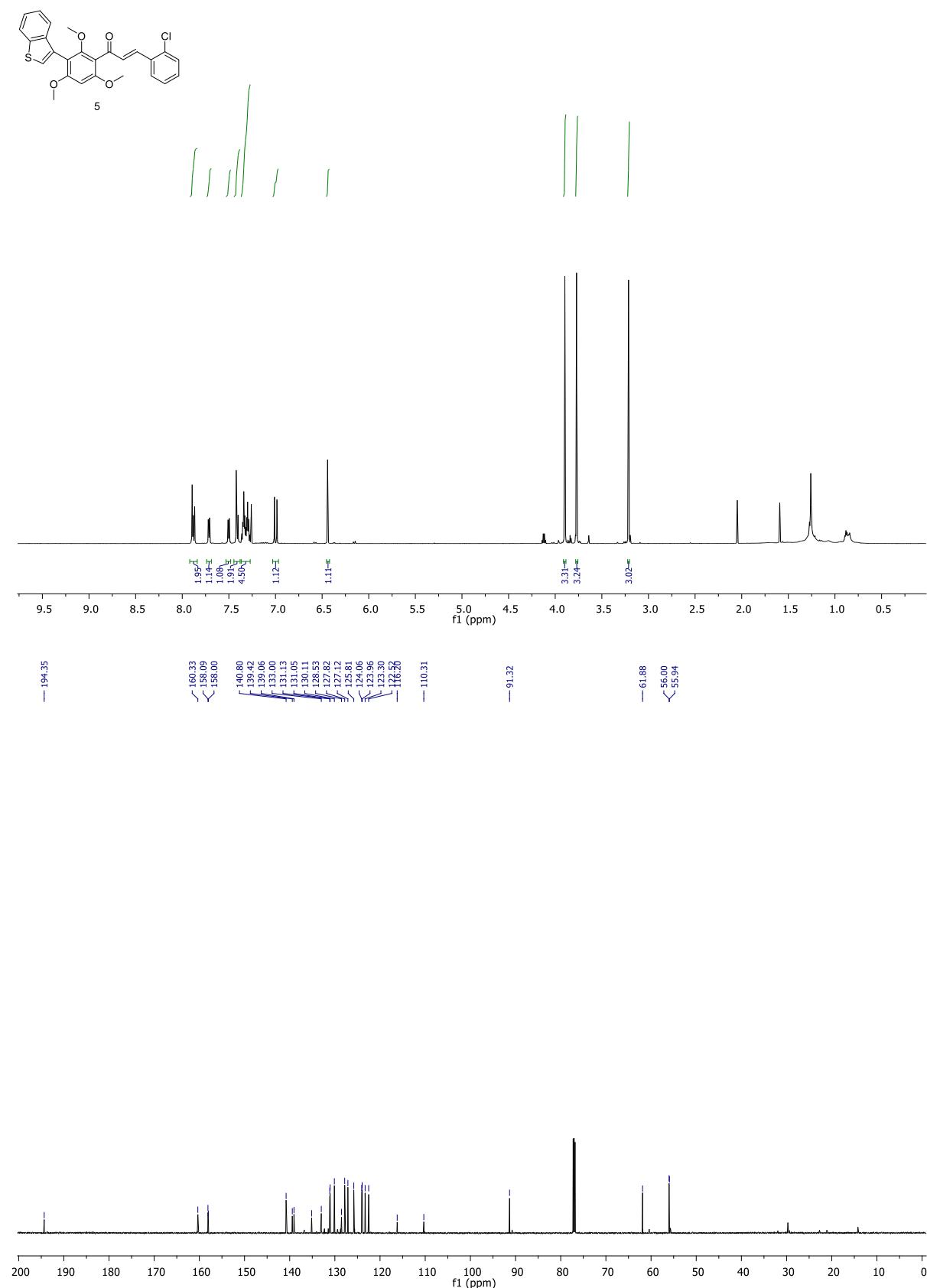
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S1. ^1H and ^{13}C spectra of 1-(3-(benzo[b]thiophen-3-yl)-2,4,6-trimethoxyphenyl)ethan-1-one(**3**)

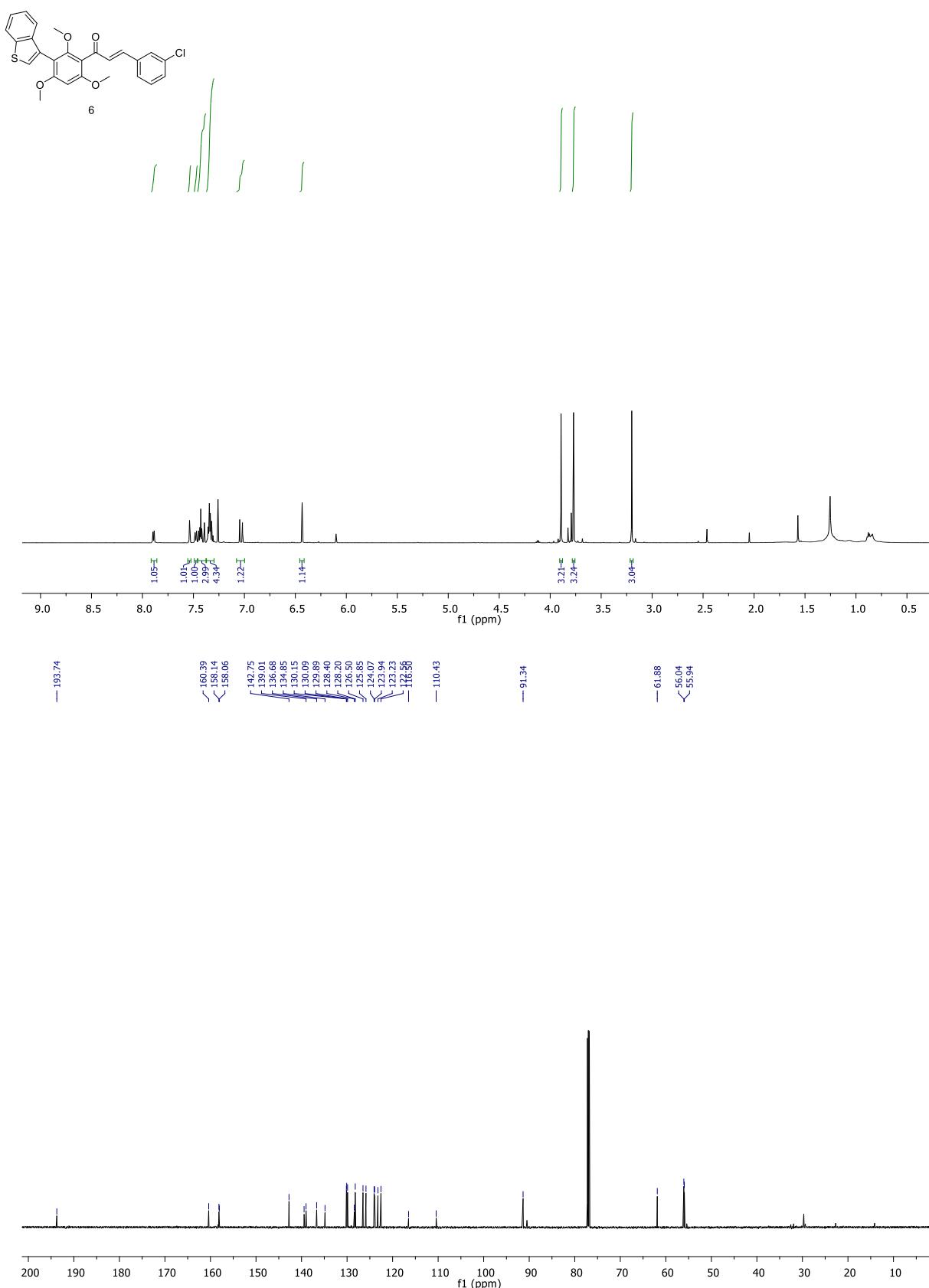
S2. ^1H and ^{13}C spectra of (*E*)-1-(3-(benzo[b]thiophen-3-yl)-2,4,6-trimethoxyphenyl)-3-phenylprop-2-en-1-one (**4**)



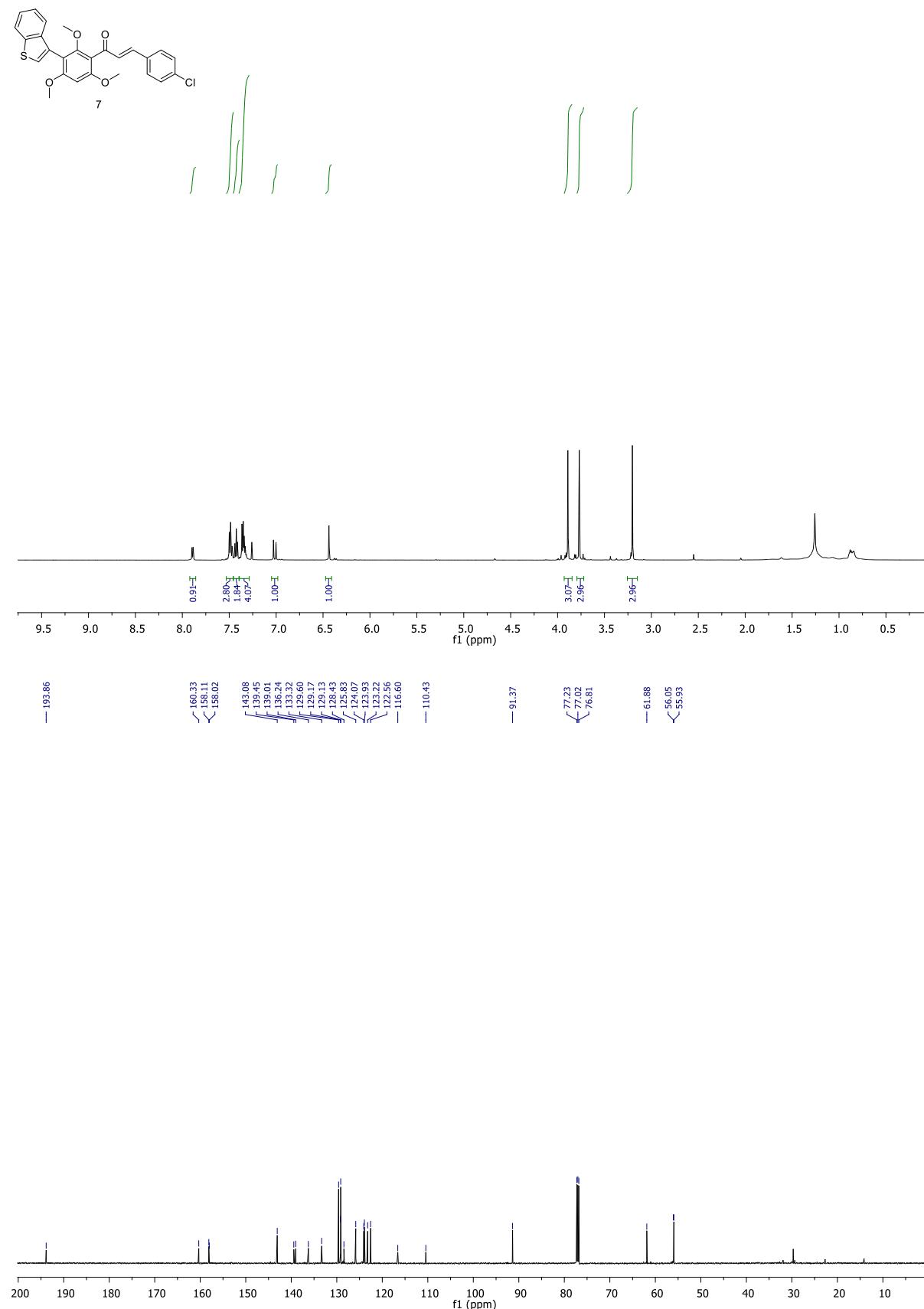
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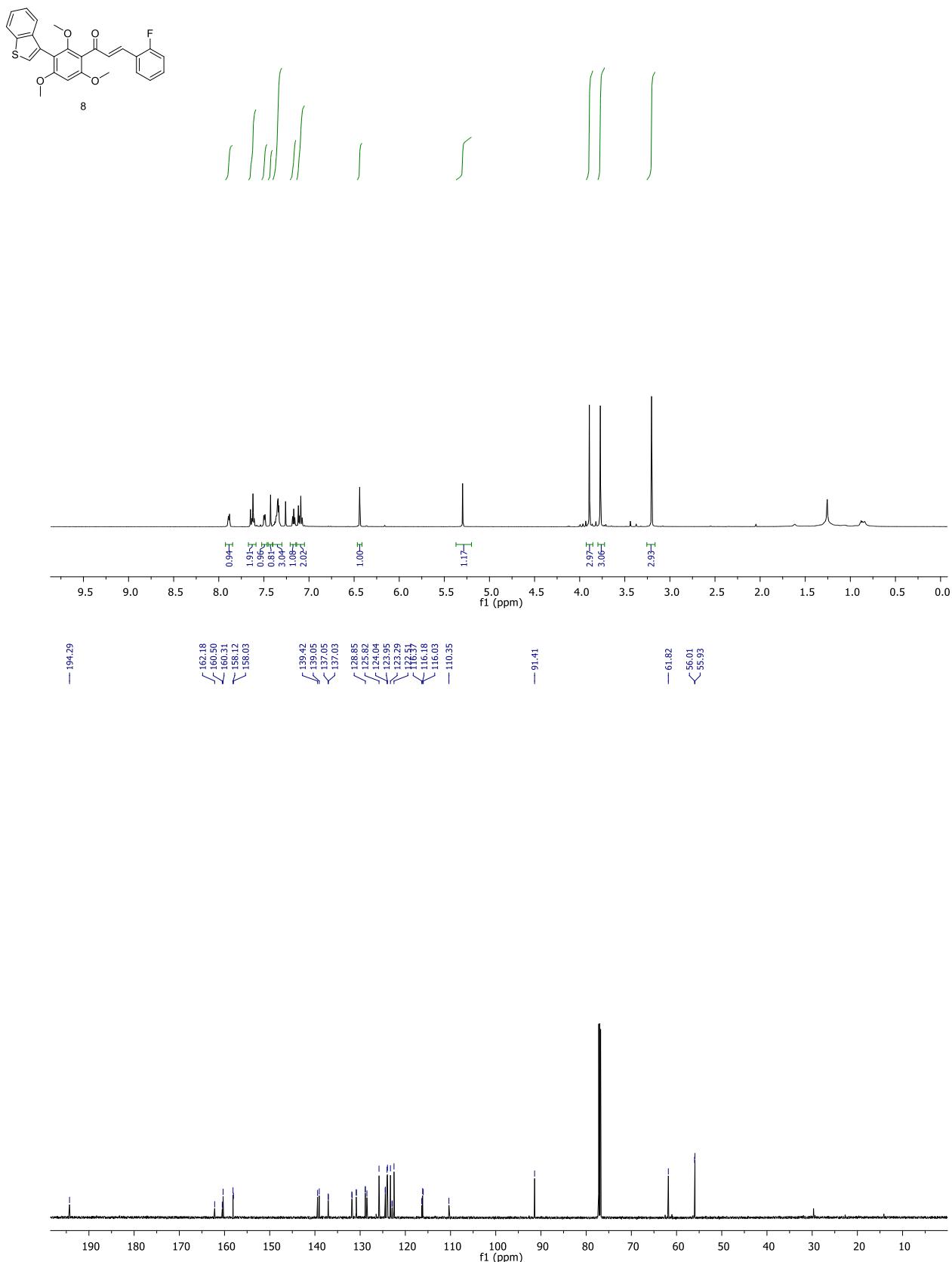
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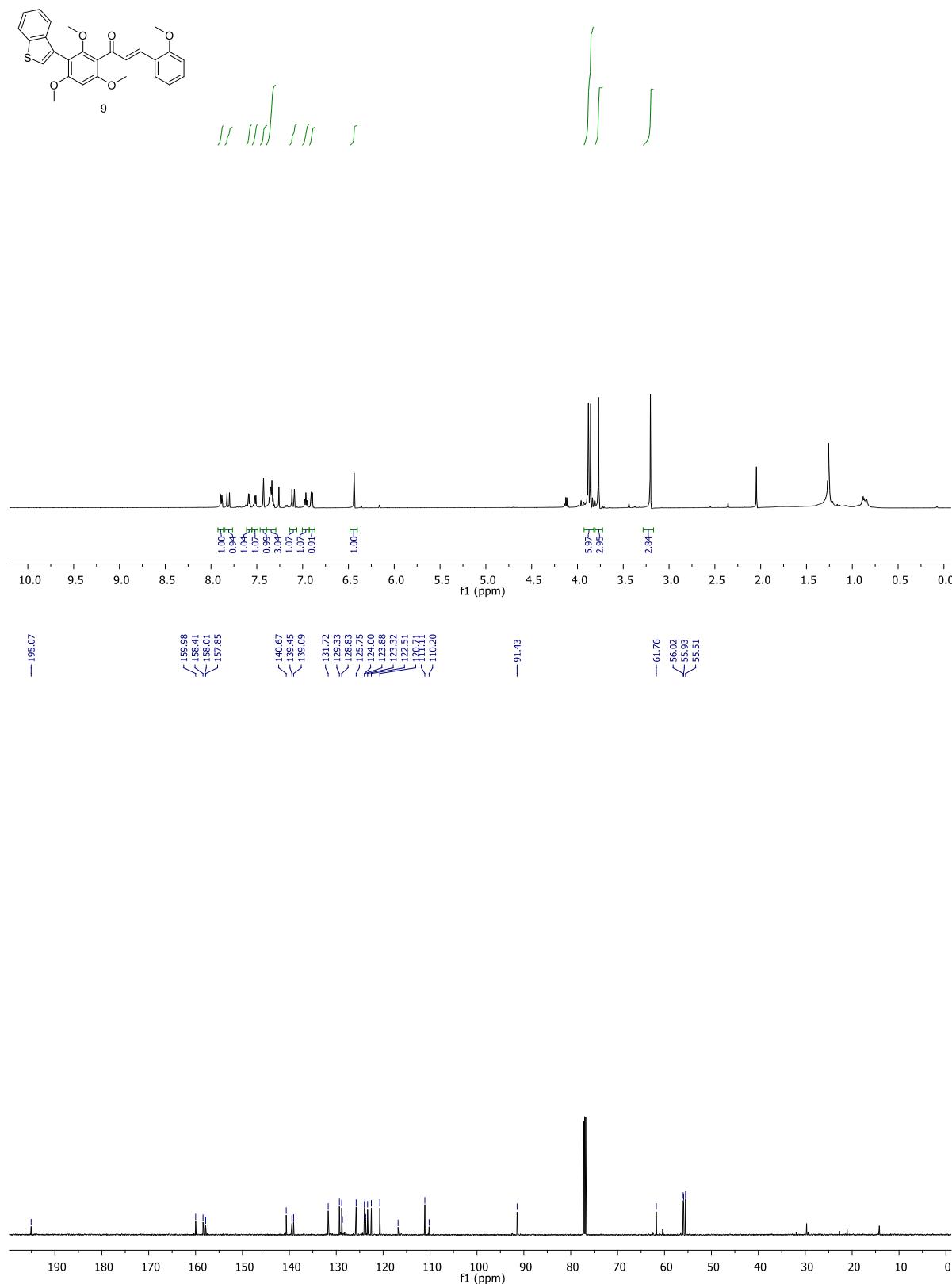
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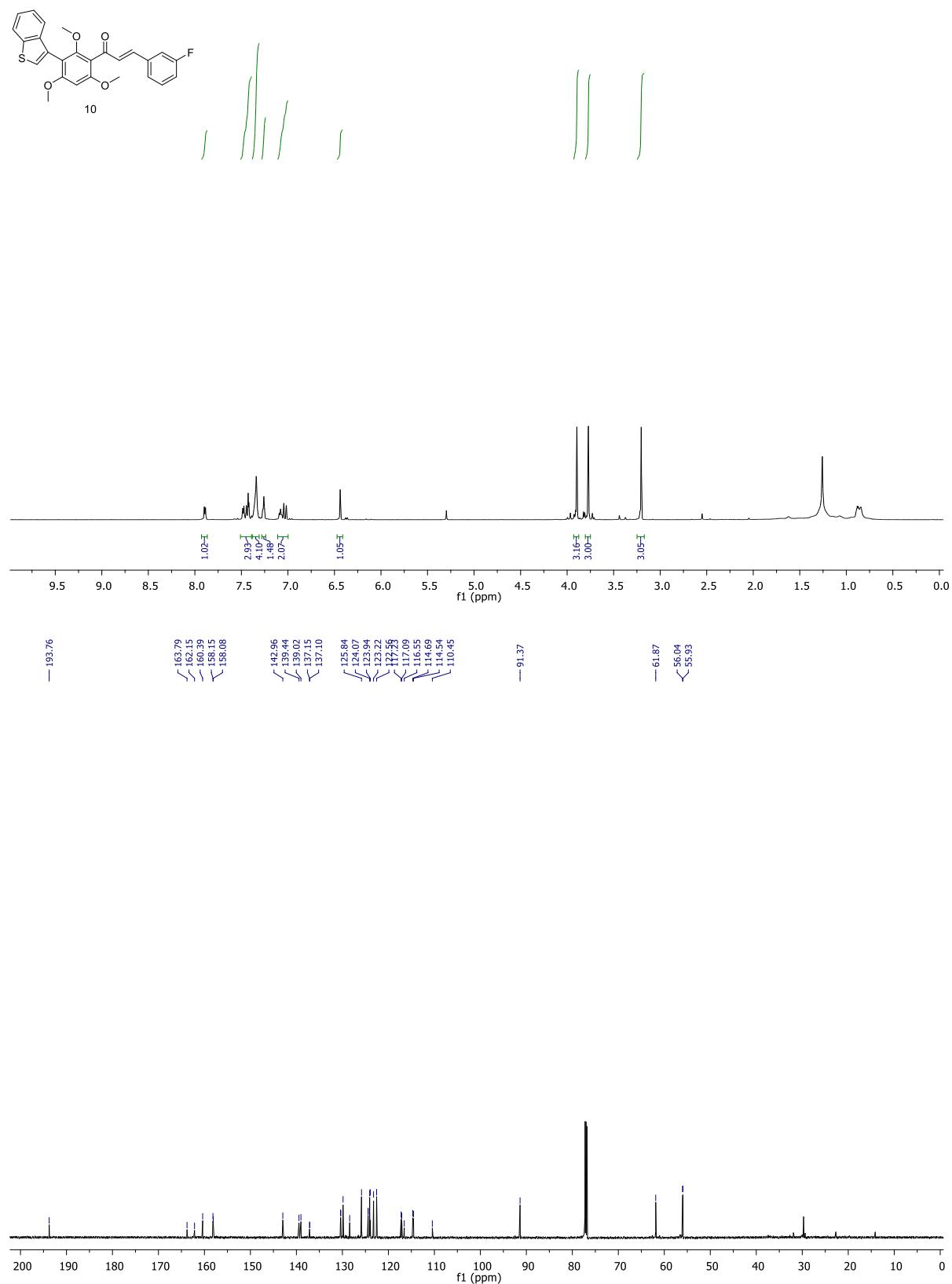
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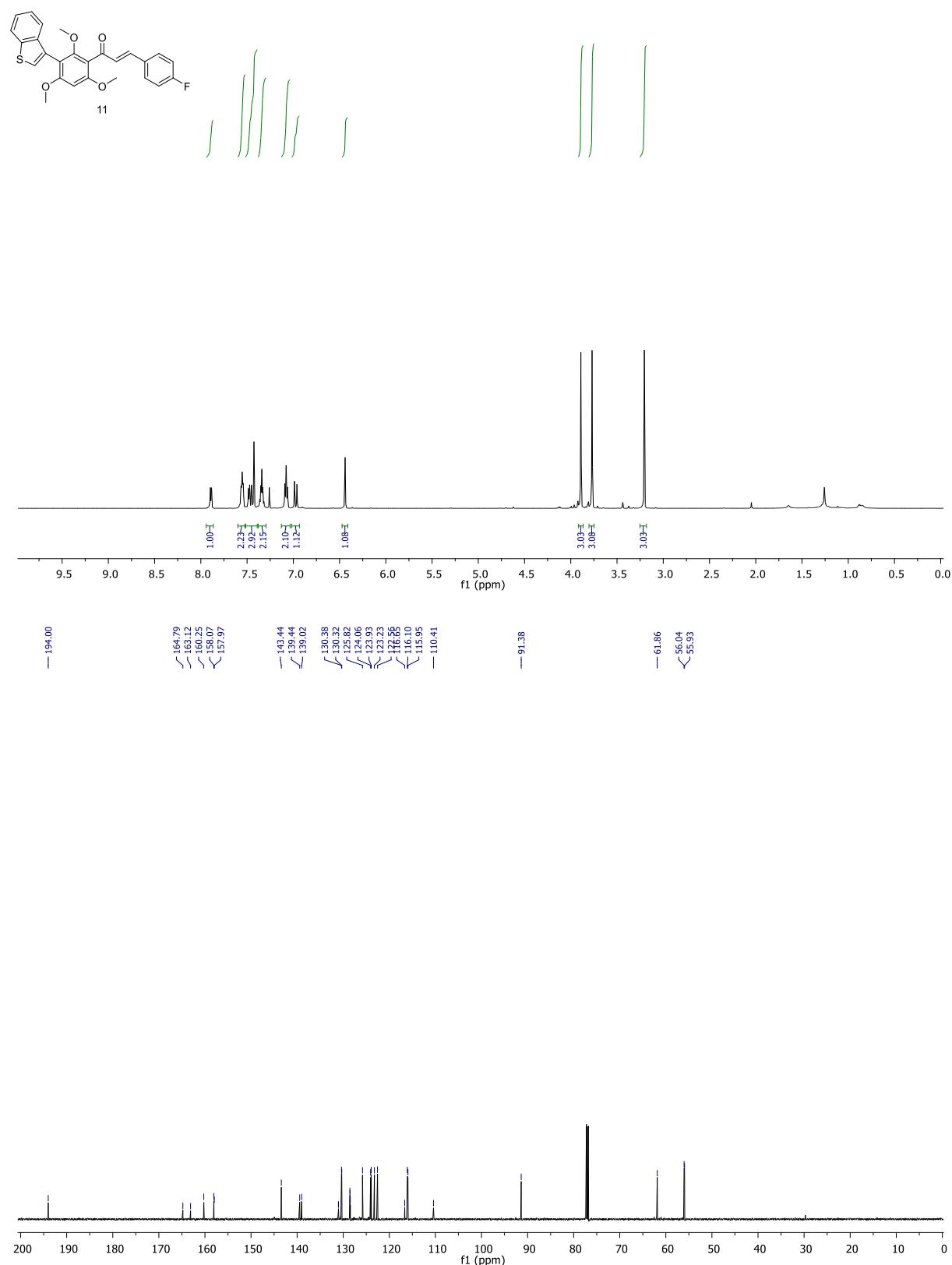
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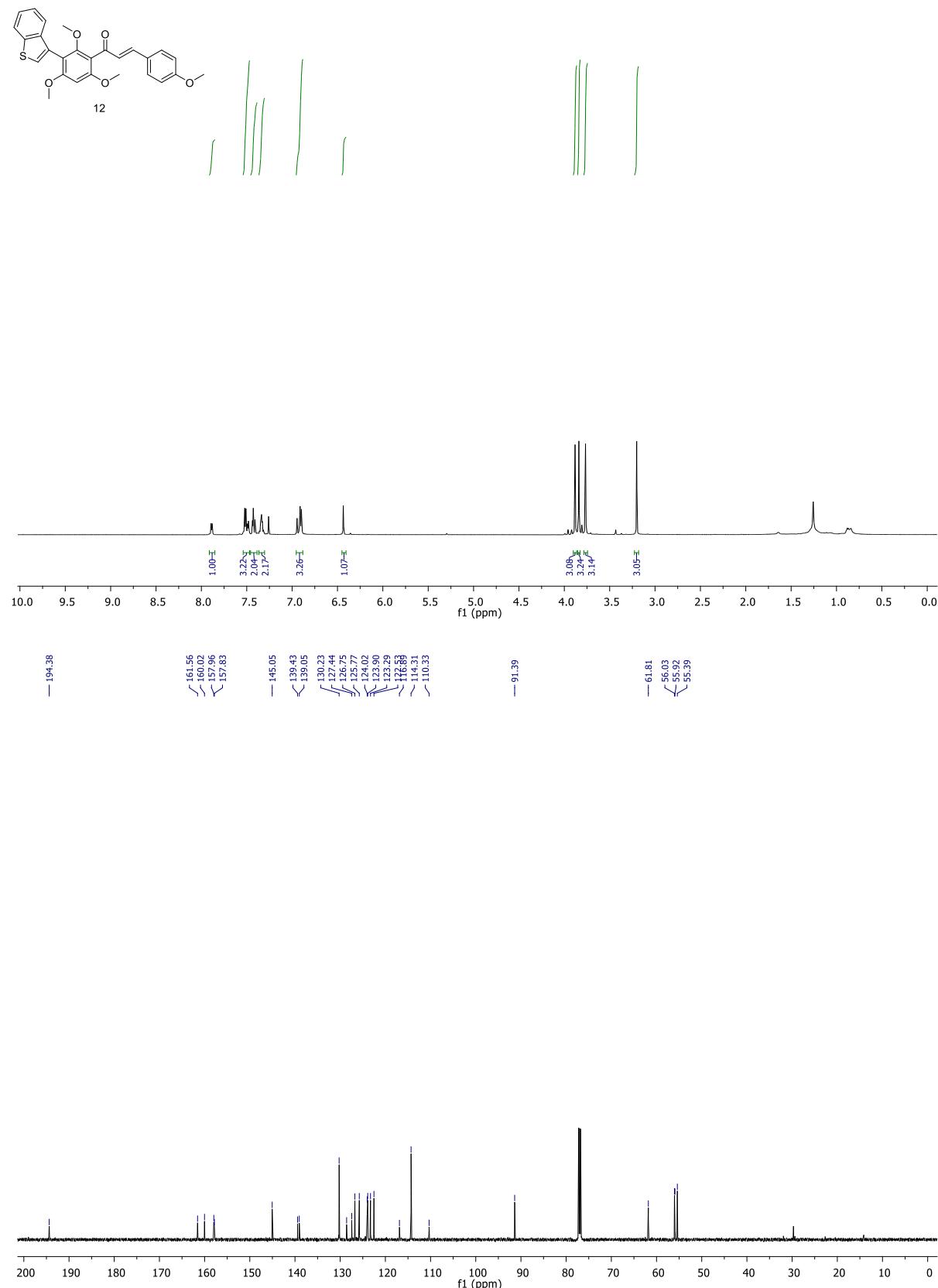
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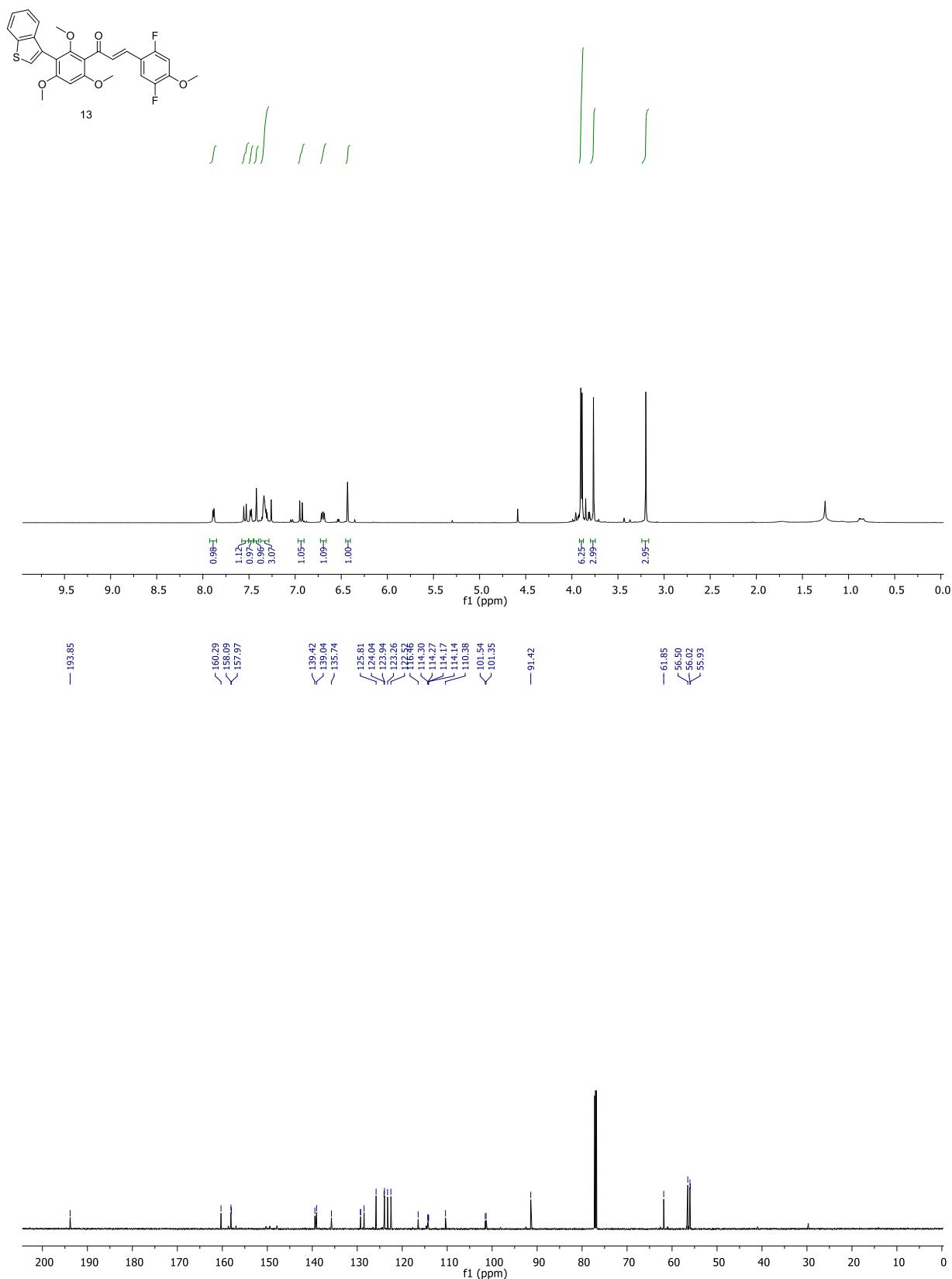
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S10. ^1H and ^{13}C spectra of (*E*)-1-(3-(benzo[*b*]thiophen-3-yl)-2,4,6-trimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one (**12**)



S11. ^1H and ^{13}C spectra of (*E*)-1-(3-(benzo[*b*]thiophen-3-yl)-2,4,6-trimethoxyphenyl)-3-(2,5-difluoro-4-methoxyphenyl)prop-2-en-1-one (**13**)



S12. ^1H and ^{13}C spectra of (*E*)-1-(3-(benzo[*b*]thiophen-3-yl)-2,4,6-trimethoxyphenyl)-3-(5-fluoro-2,4-dimethoxyphenyl)prop-2-en-1-one (**14**)

