

Supplementary Material

Synthesis of indolo[2,3-*a*]carbazole via an intramolecular McMurry coupling

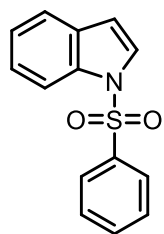
Valerie Lösle and Hans-Joachim Knölker*

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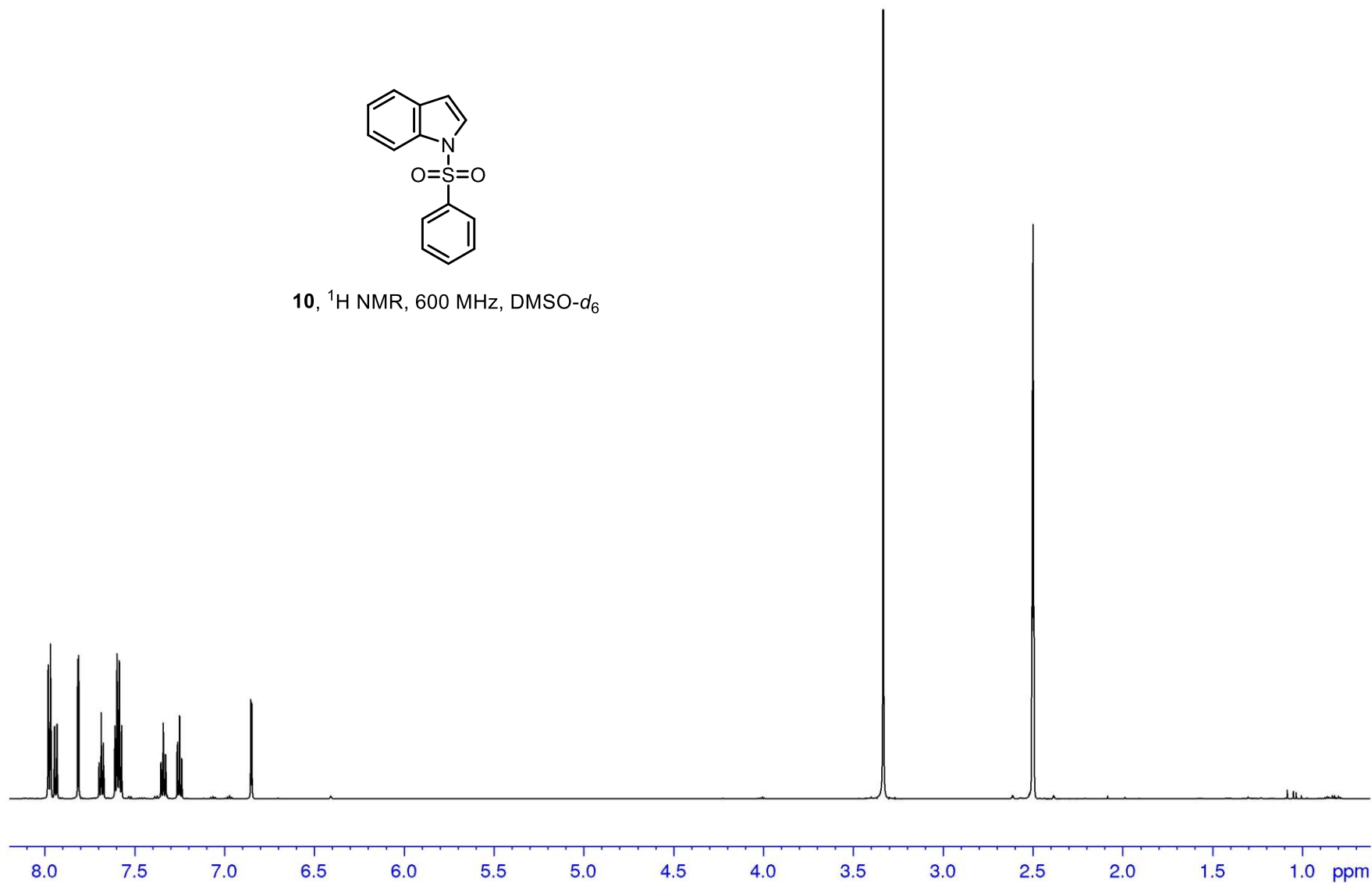
Email: hans-joachim.knoelker@tu-dresden.de

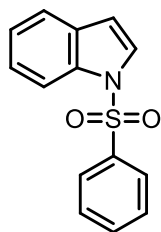
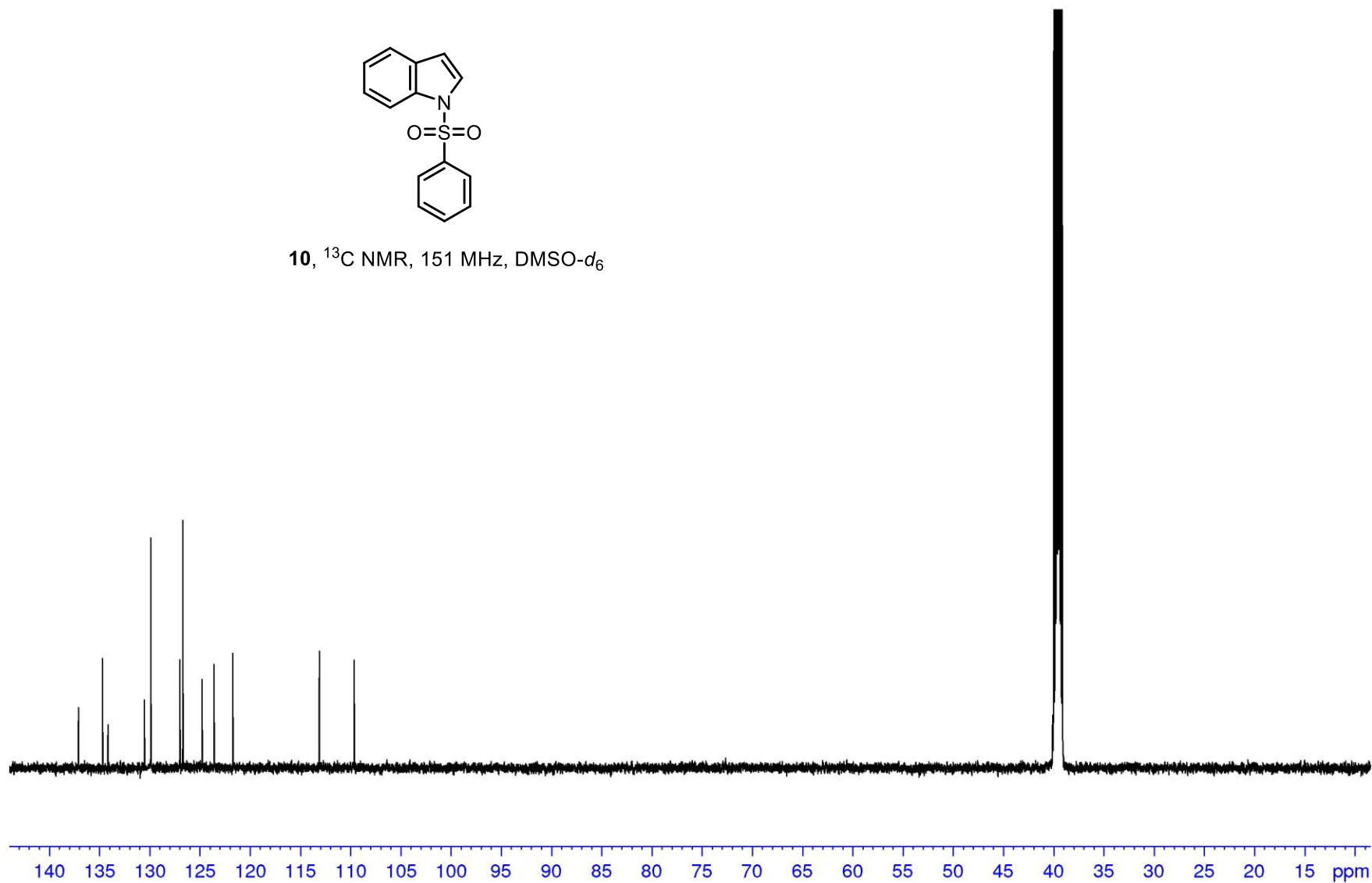
Table of Contents

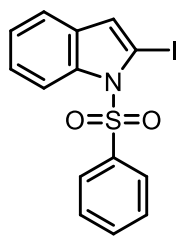
| | |
|---|--------|
| ¹ H and ¹³ C NMR spectra of all compounds | S2-S15 |
|---|--------|



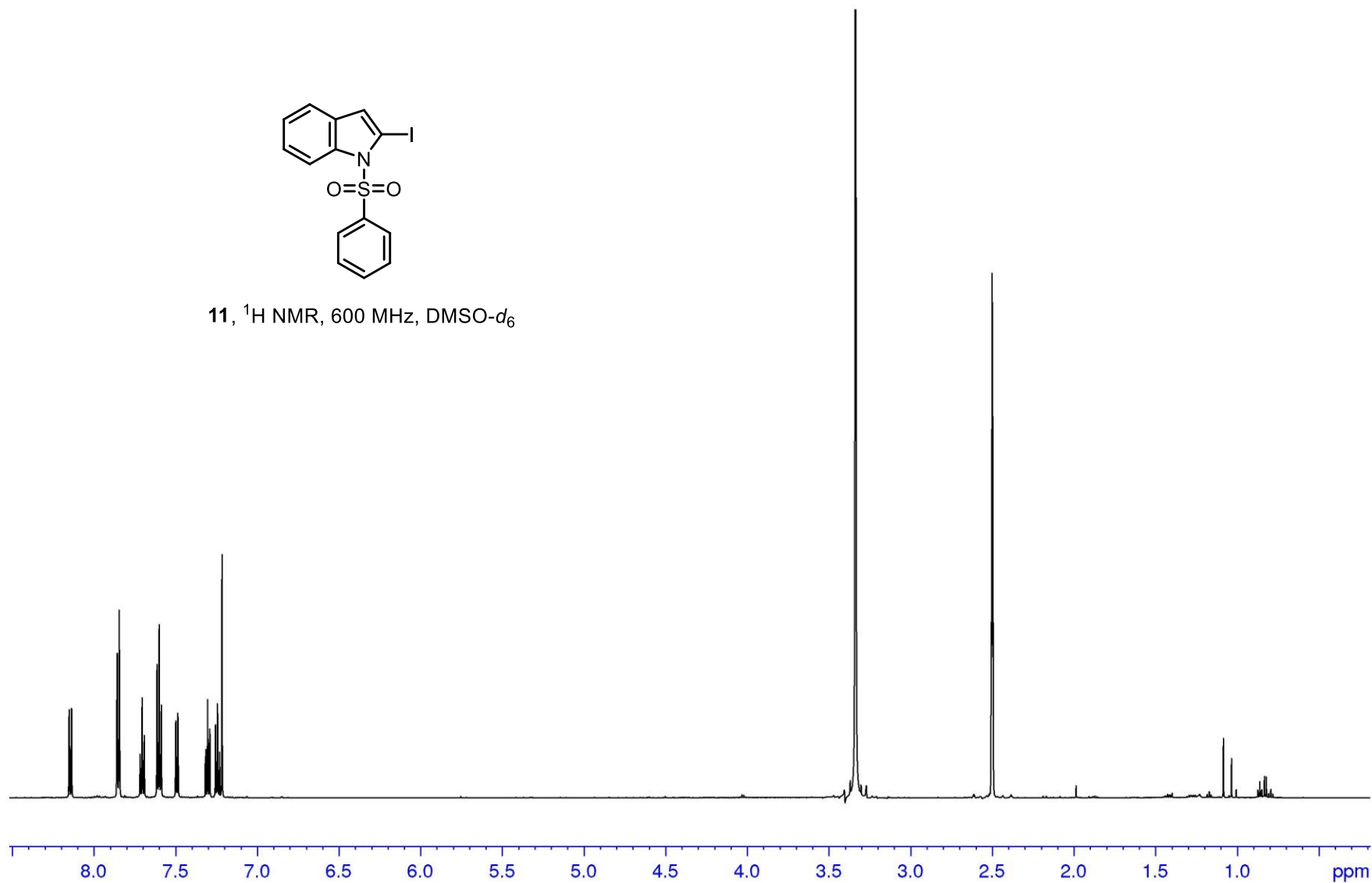
10, ^1H NMR, 600 MHz, $\text{DMSO-}d_6$

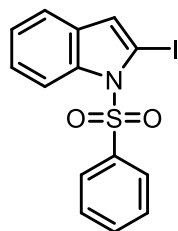


**10**, ^{13}C NMR, 151 MHz, $\text{DMSO-}d_6$ 

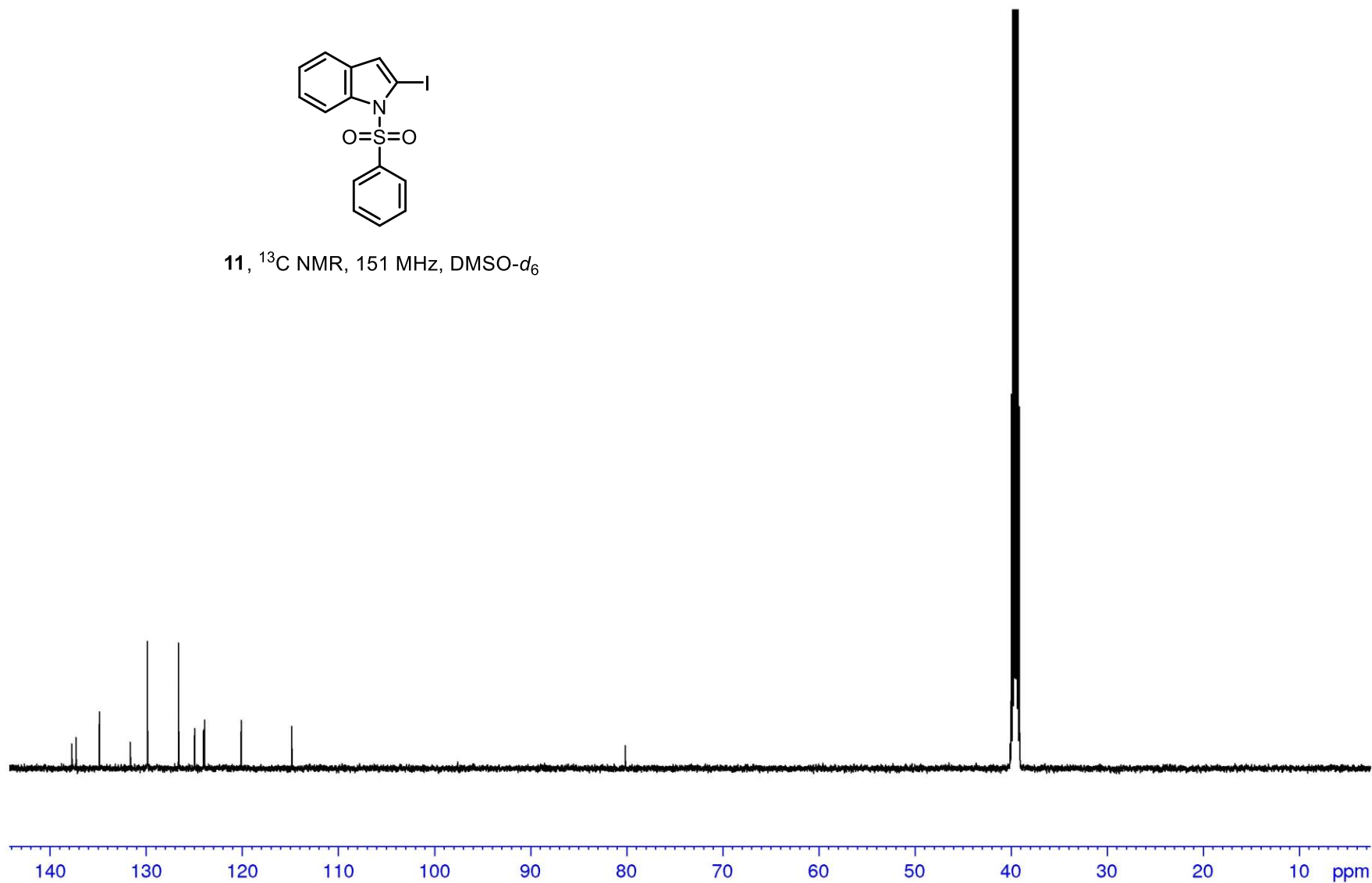


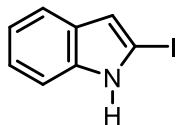
11, ^1H NMR, 600 MHz, $\text{DMSO-}d_6$



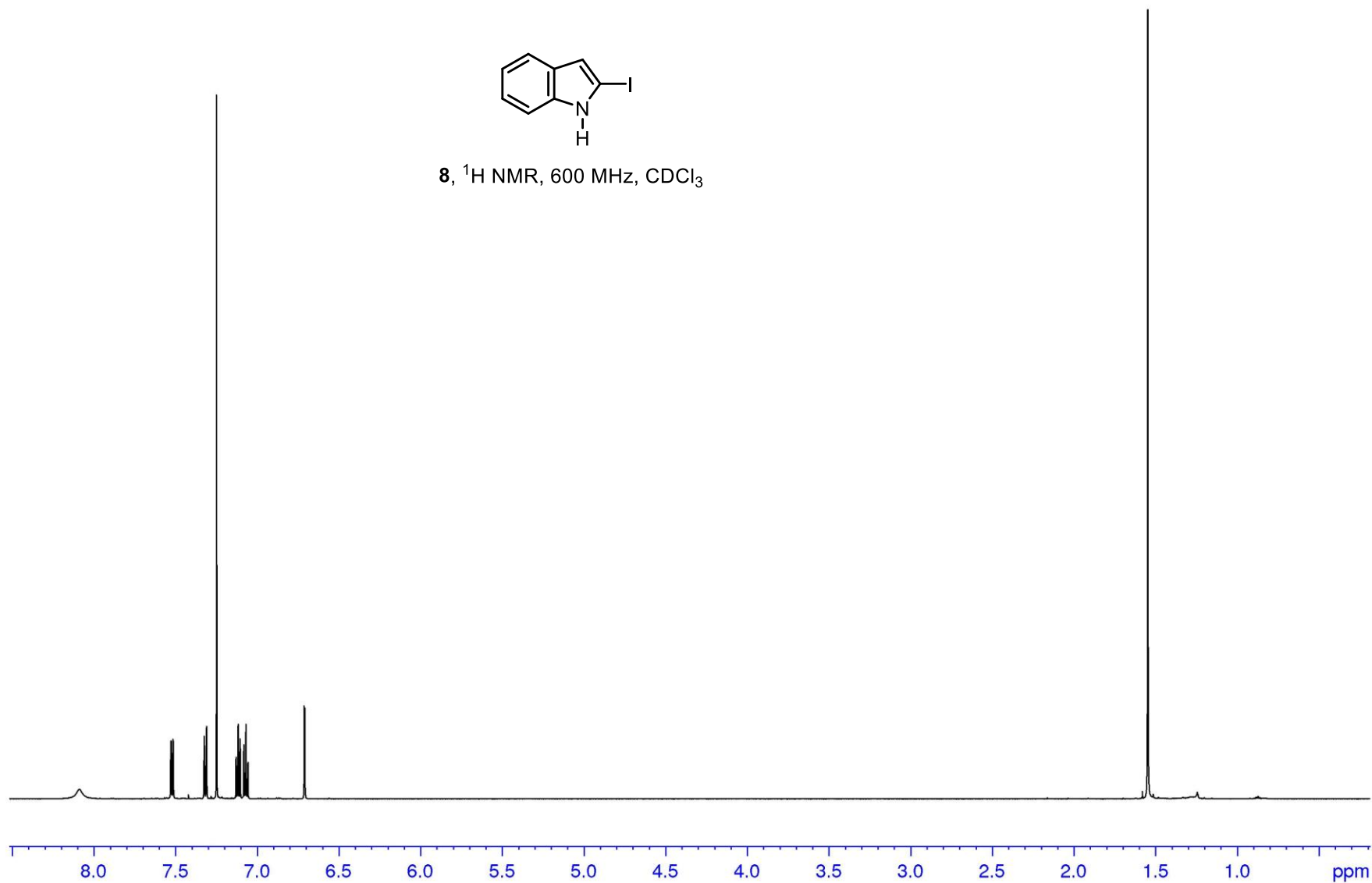


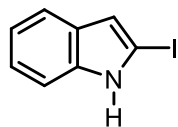
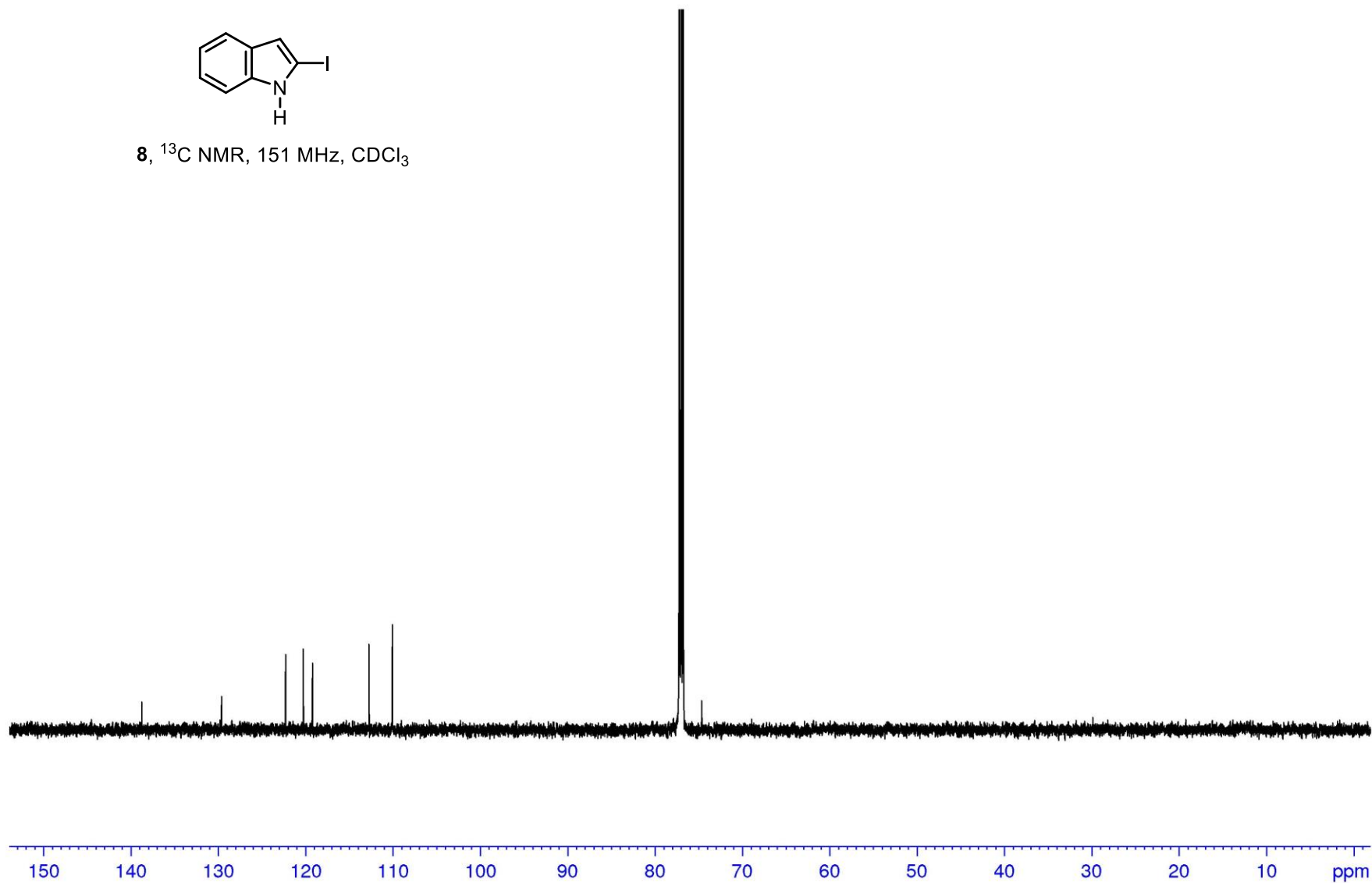
11, ^{13}C NMR, 151 MHz, $\text{DMSO-}d_6$

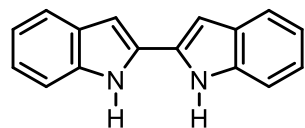




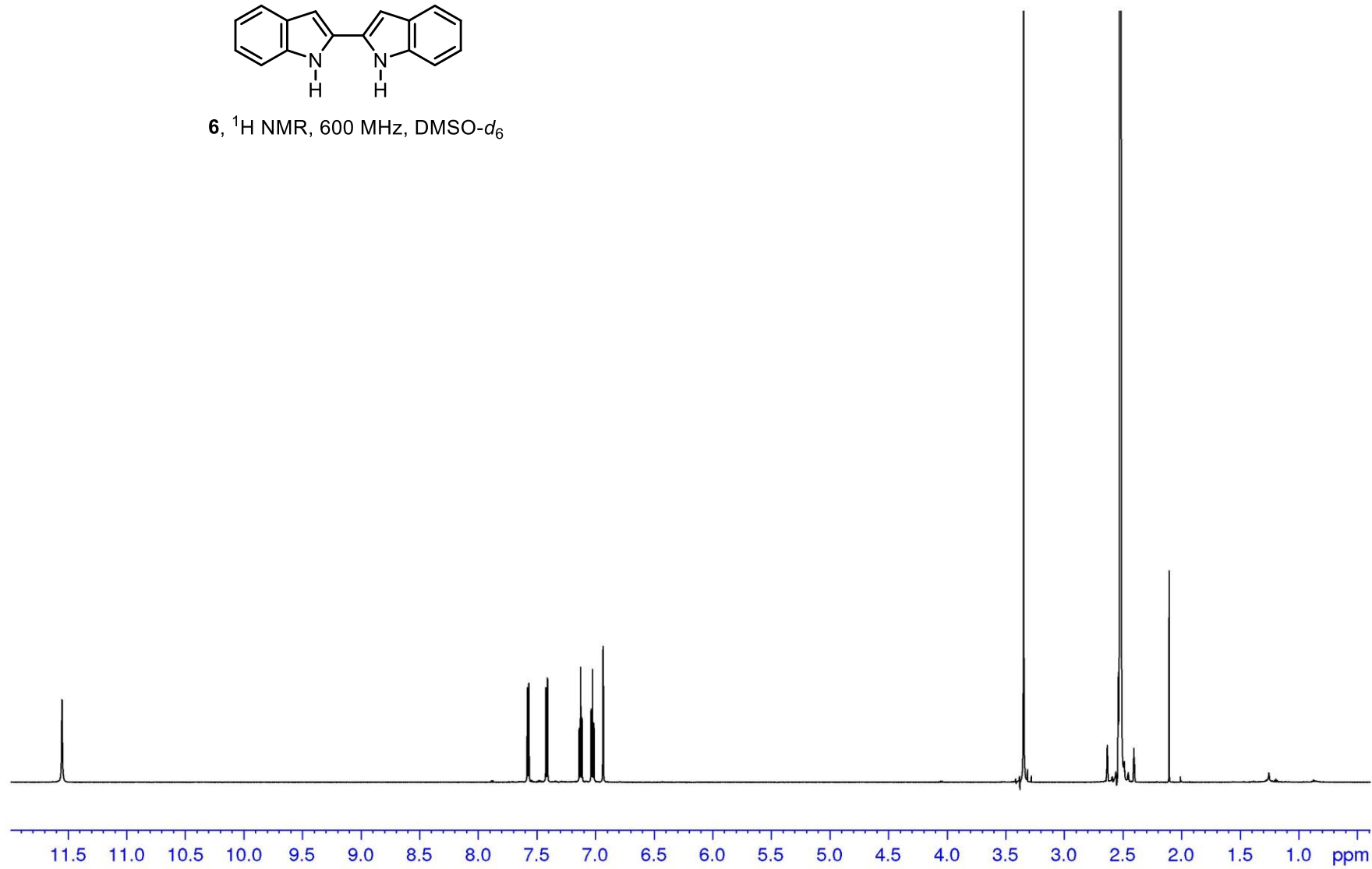
8, ^1H NMR, 600 MHz, CDCl_3

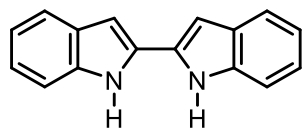


**8**, ^{13}C NMR, 151 MHz, CDCl_3 

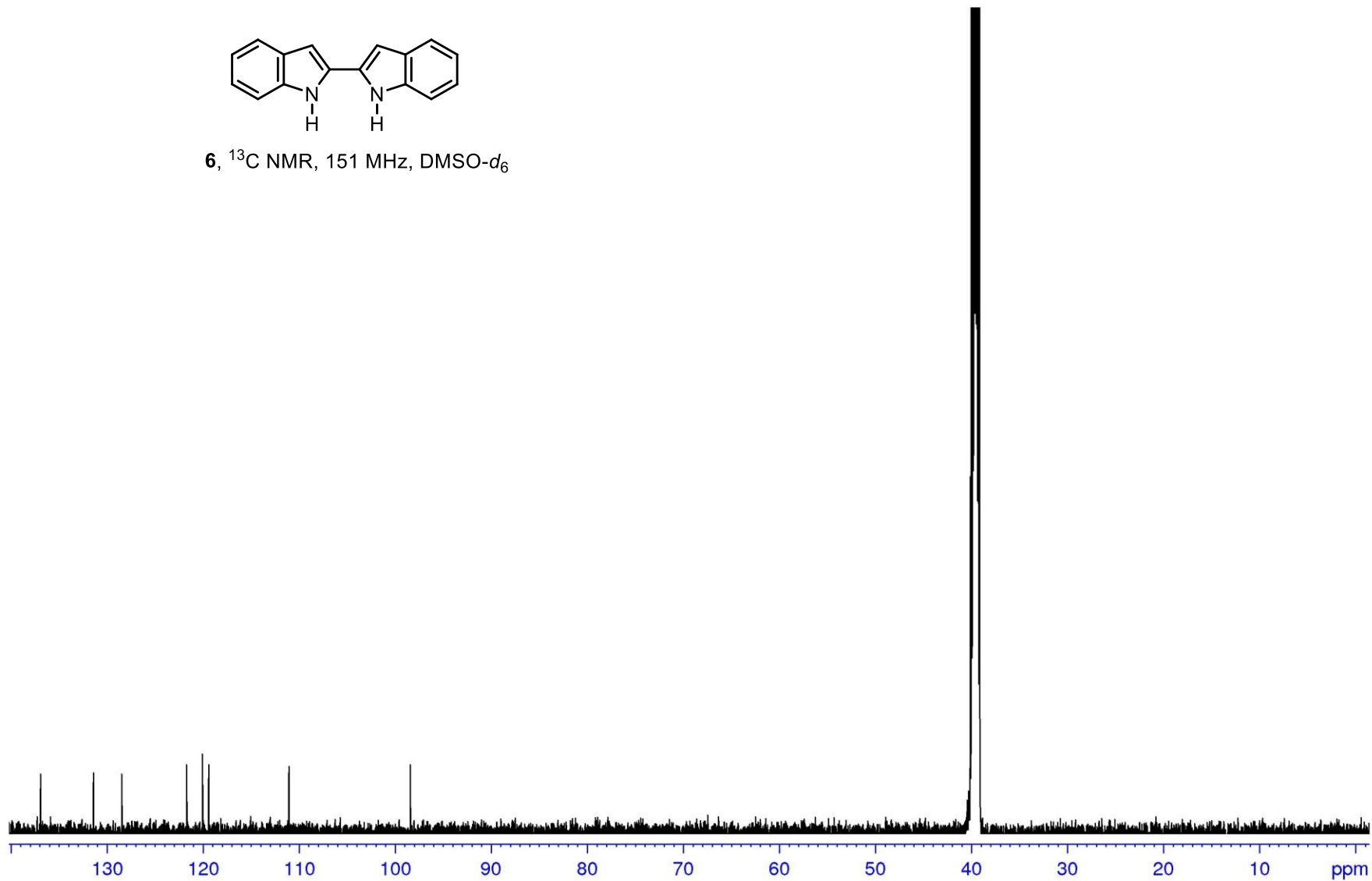


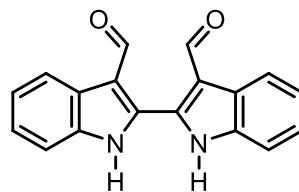
6, ^1H NMR, 600 MHz, $\text{DMSO-}d_6$



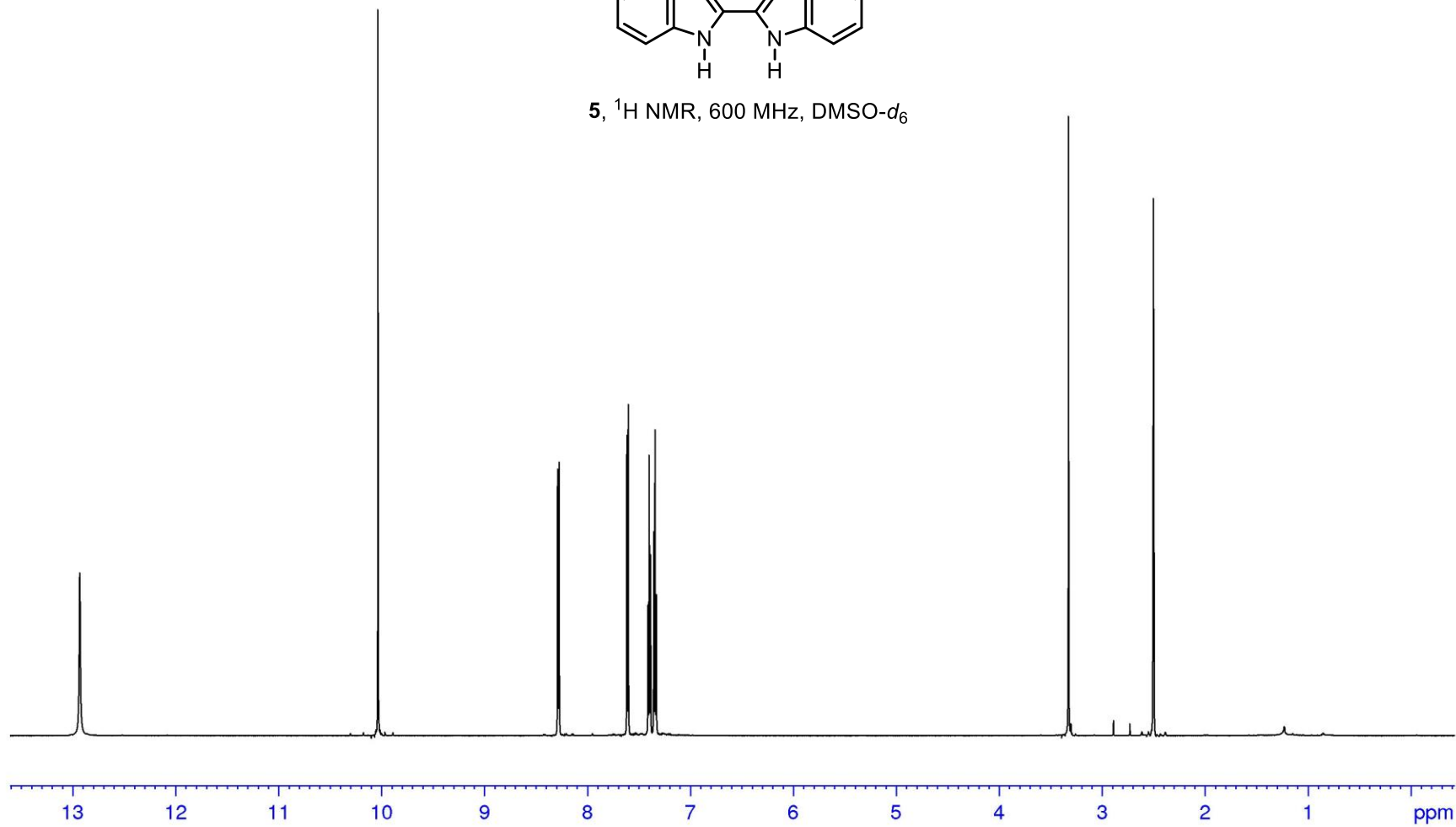


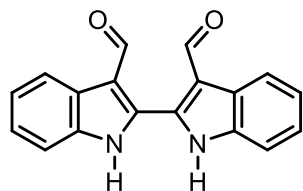
6, ^{13}C NMR, 151 MHz, $\text{DMSO-}d_6$



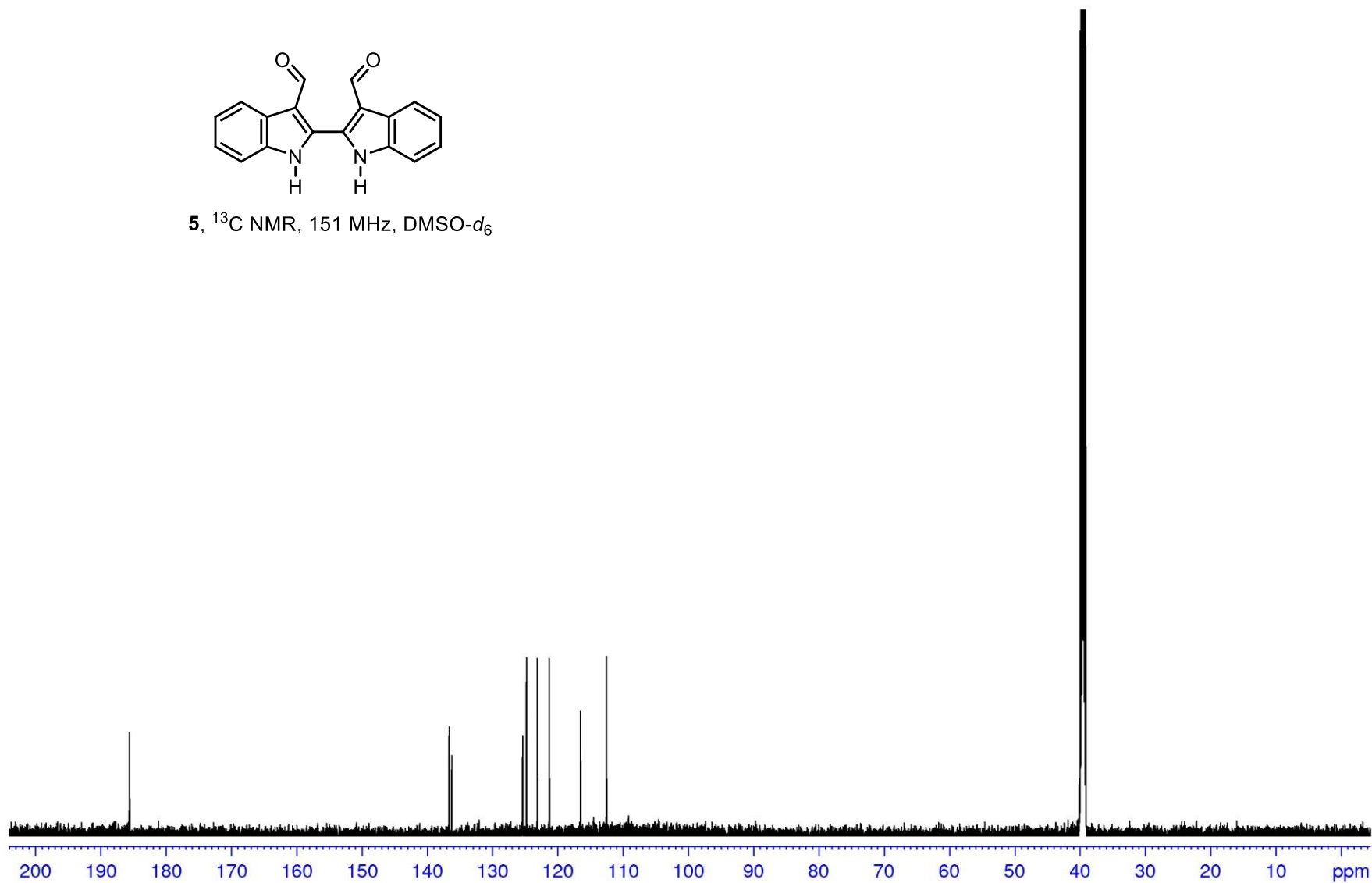


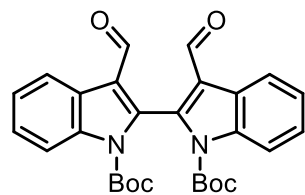
5, ^1H NMR, 600 MHz, $\text{DMSO-}d_6$



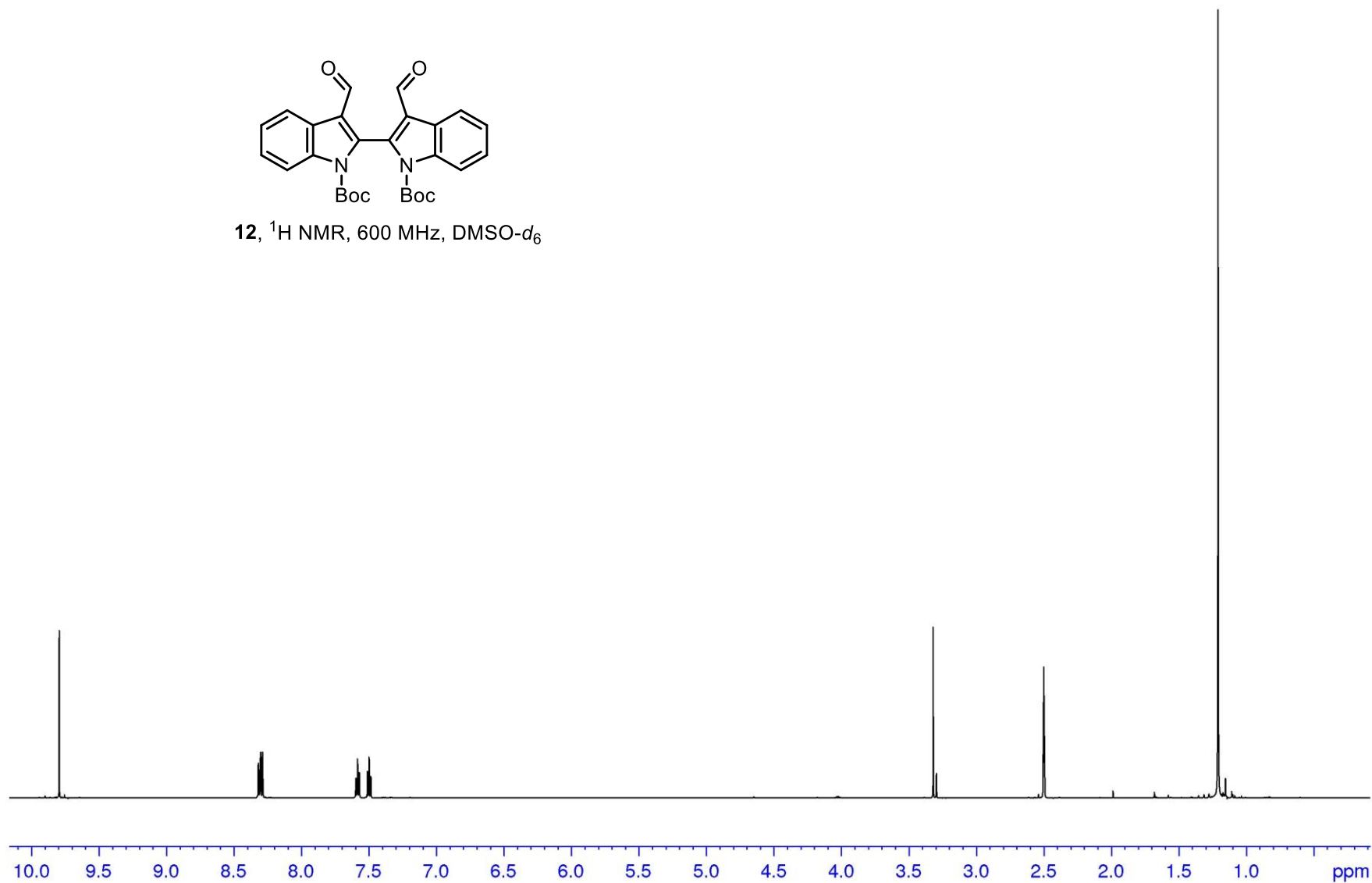


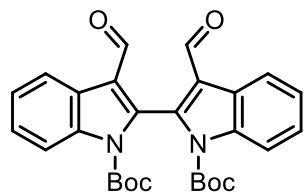
5, ^{13}C NMR, 151 MHz, $\text{DMSO-}d_6$



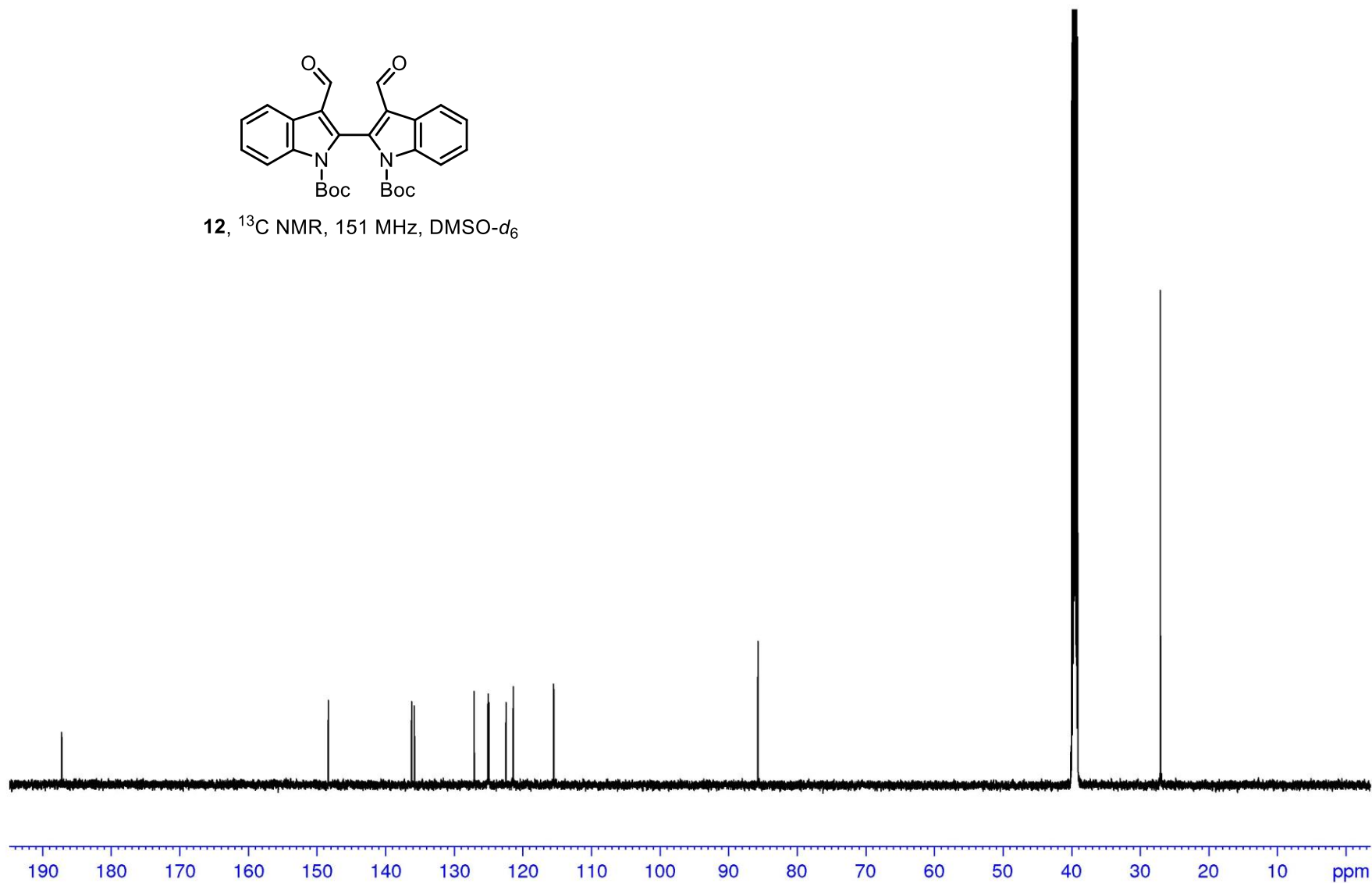


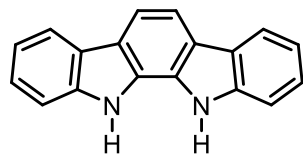
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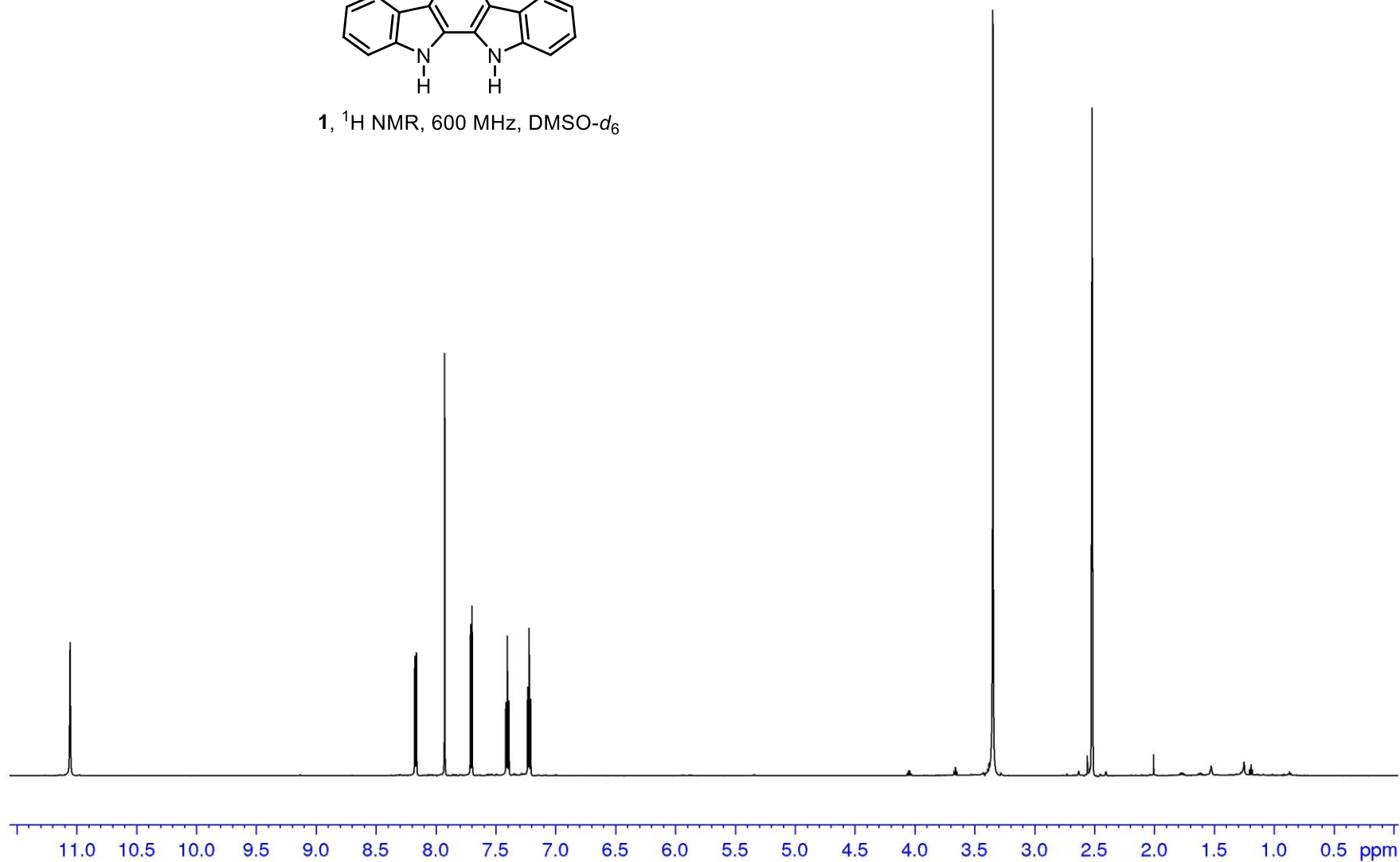


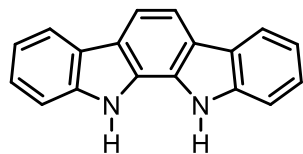
12, ^{13}C NMR, 151 MHz, $\text{DMSO}-d_6$





1, ^1H NMR, 600 MHz, $\text{DMSO}-d_6$





1, ^{13}C NMR, 151 MHz, $\text{DMSO-}d_6$

