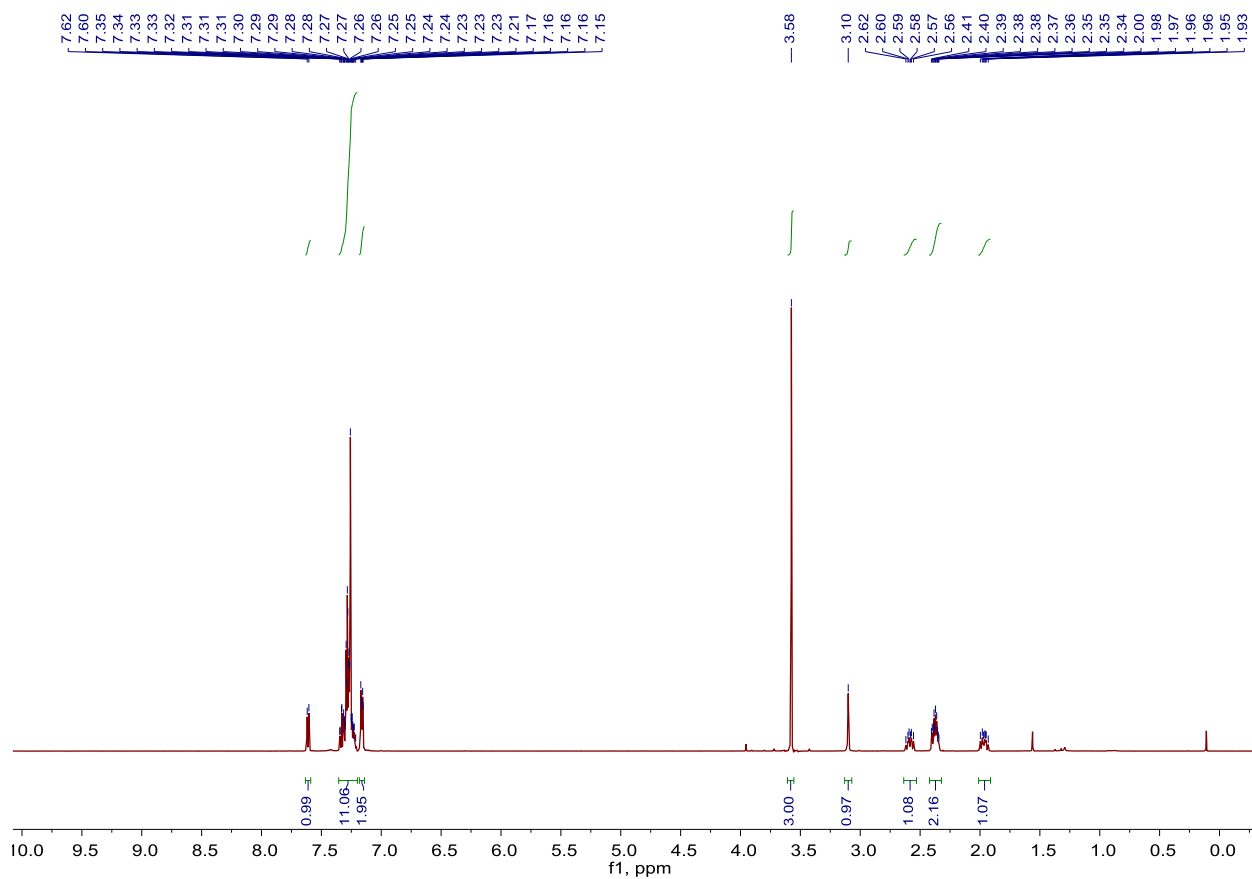
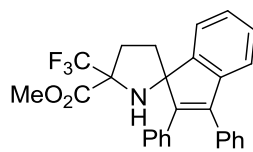


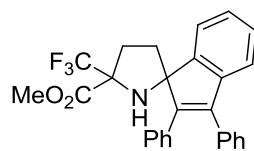
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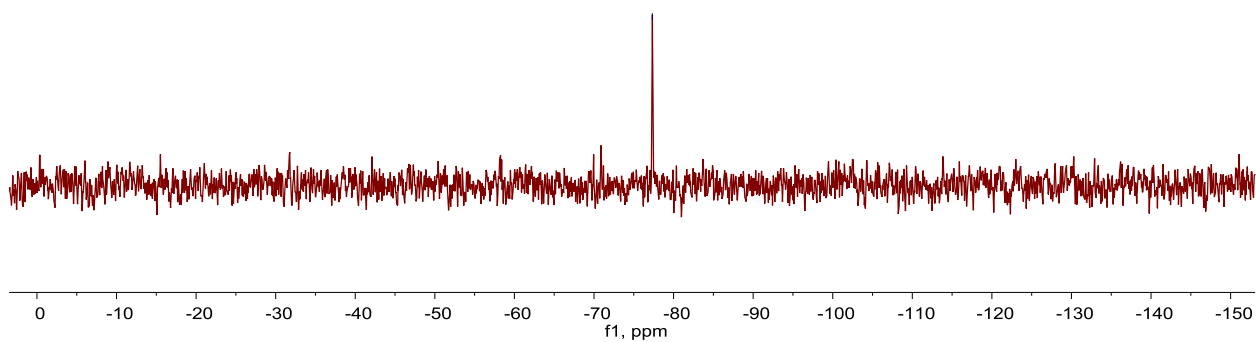
^1H NMR, ^{19}F NMR and ^{13}C NMR Spectra.



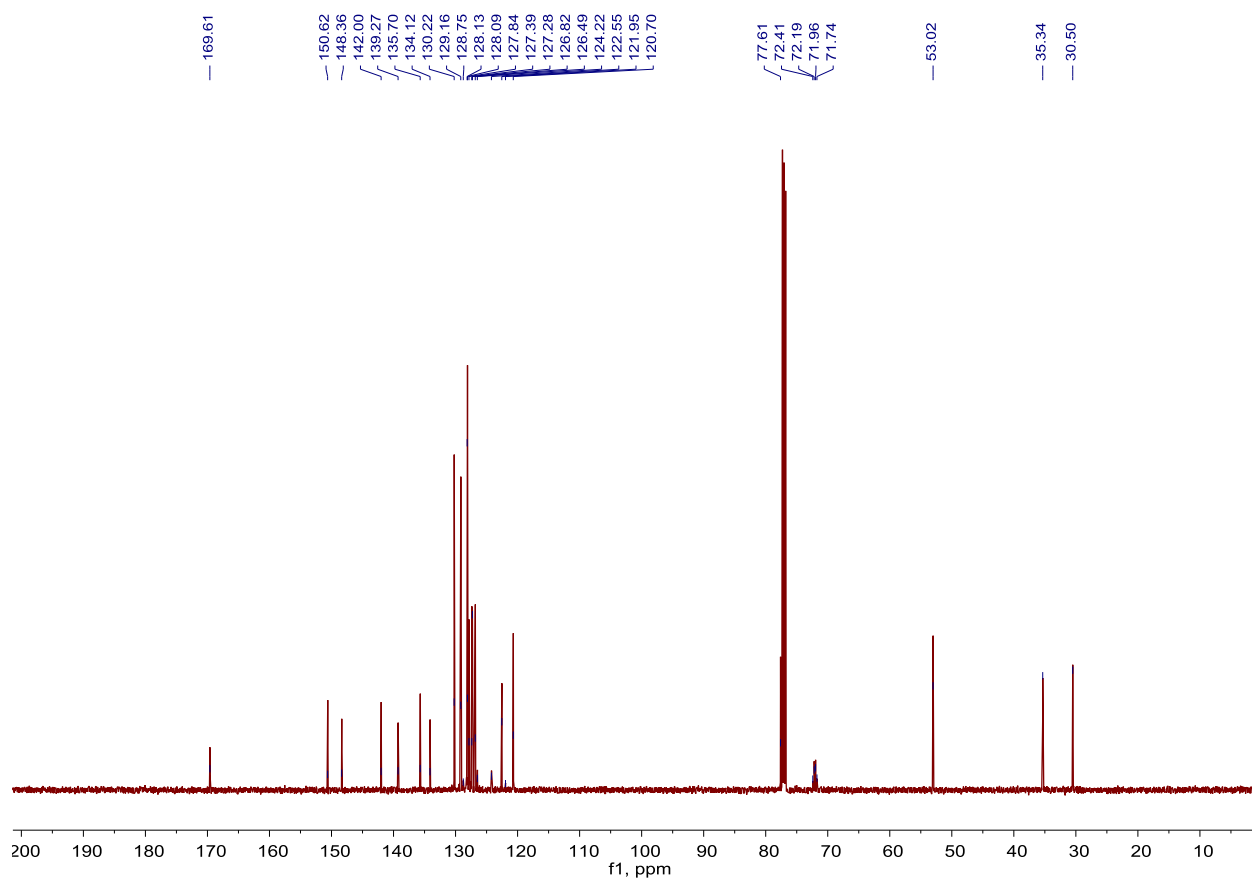
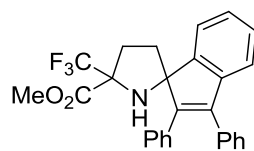
^1H spectrum of **4a** in CDCl_3



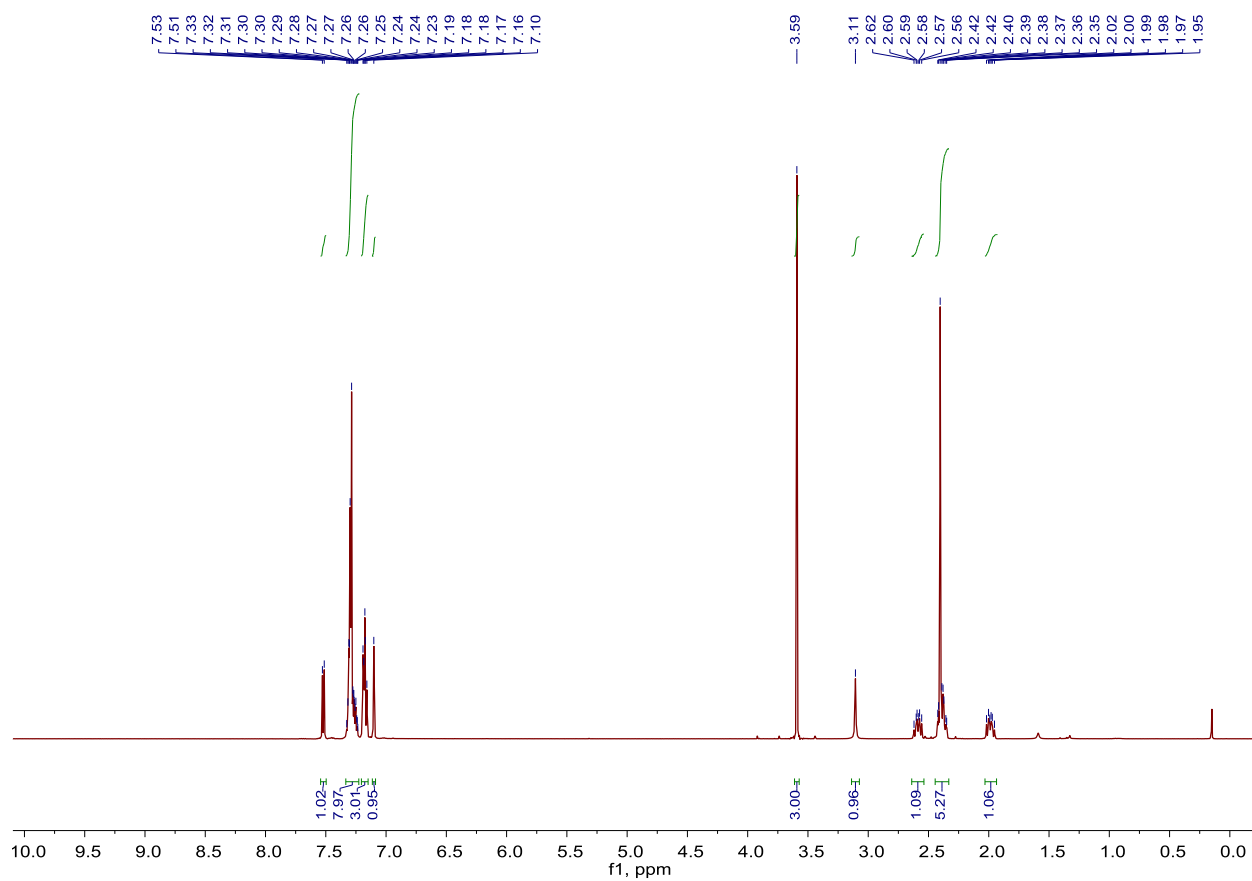
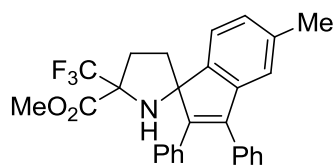
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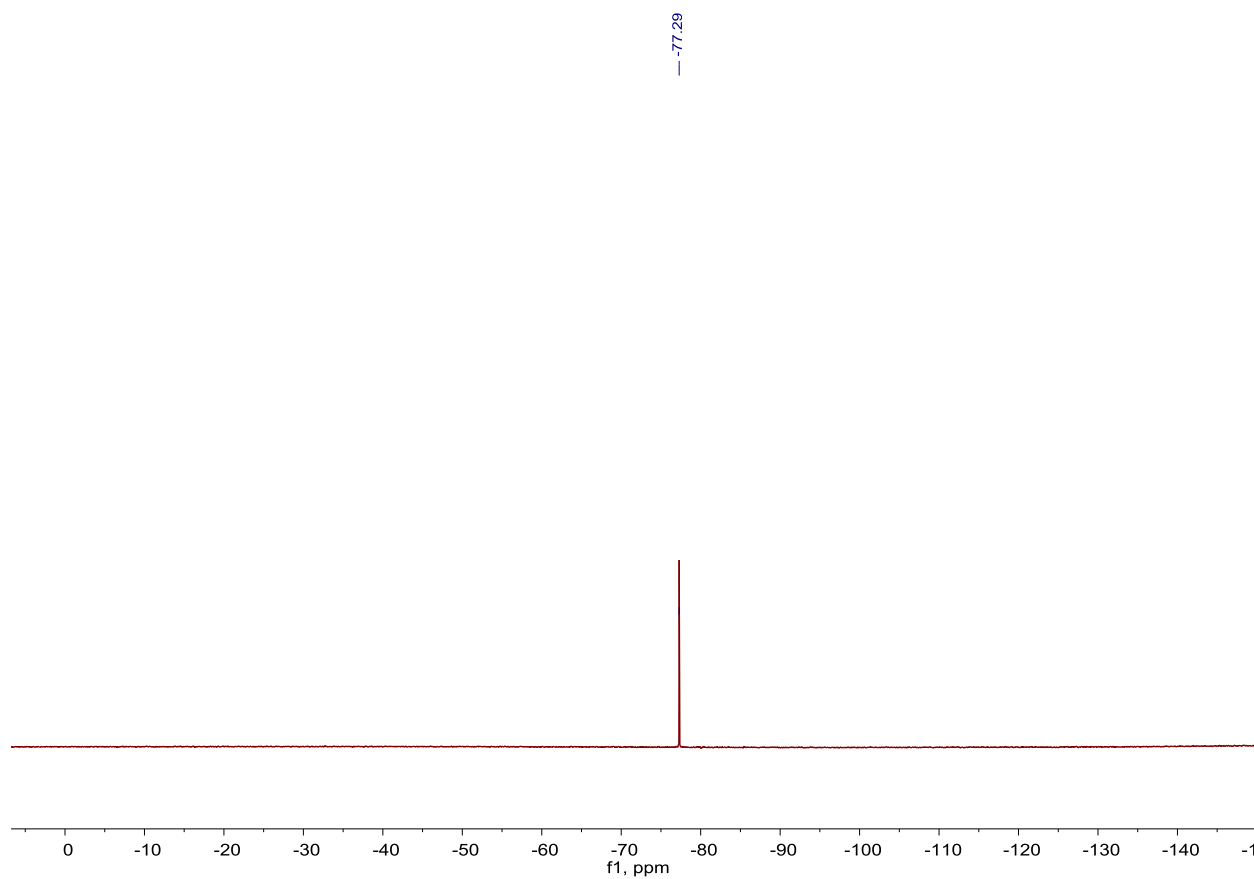
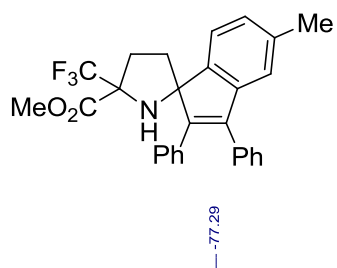
^{19}F spectrum of **4a** in CDCl_3



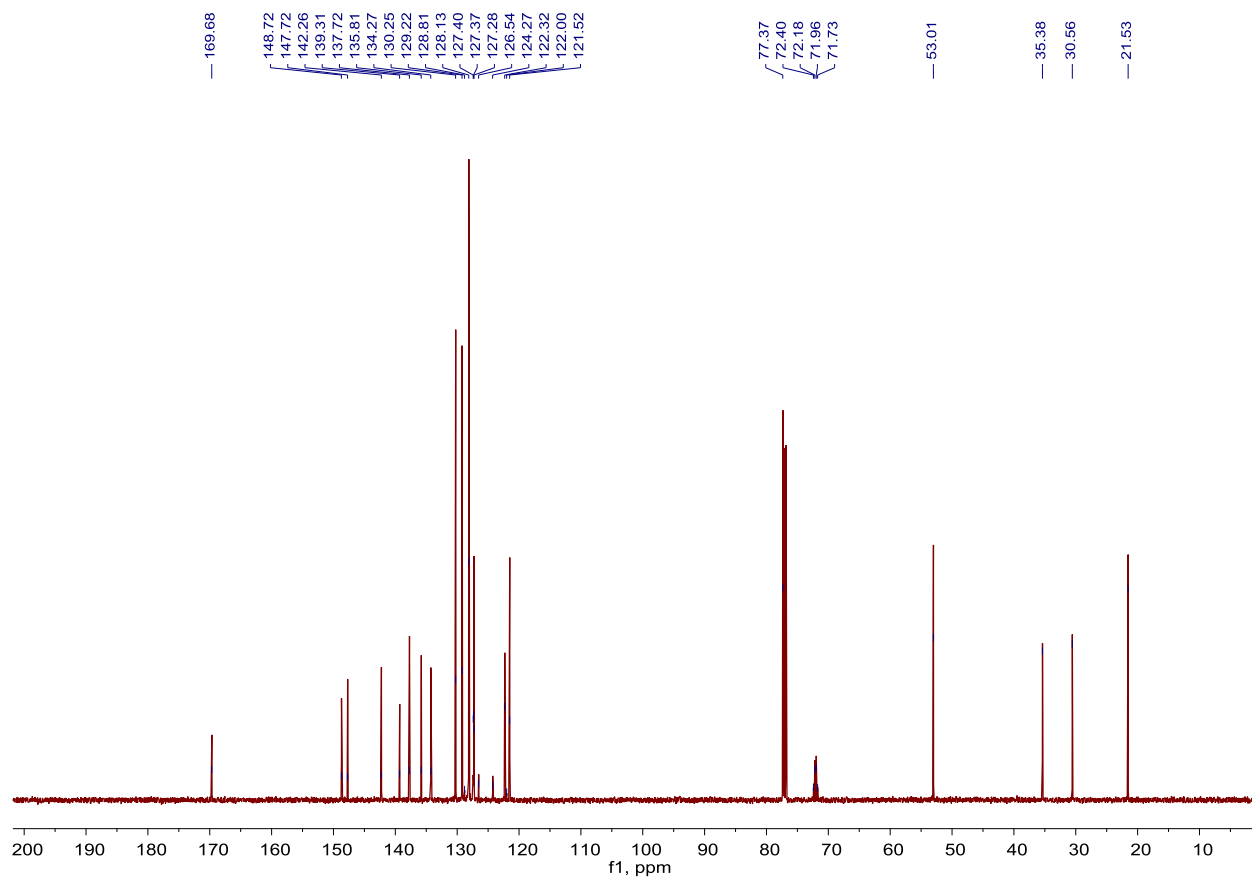
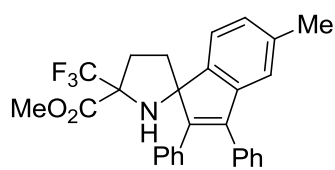
^{13}C spectrum of **4a** in CDCl_3



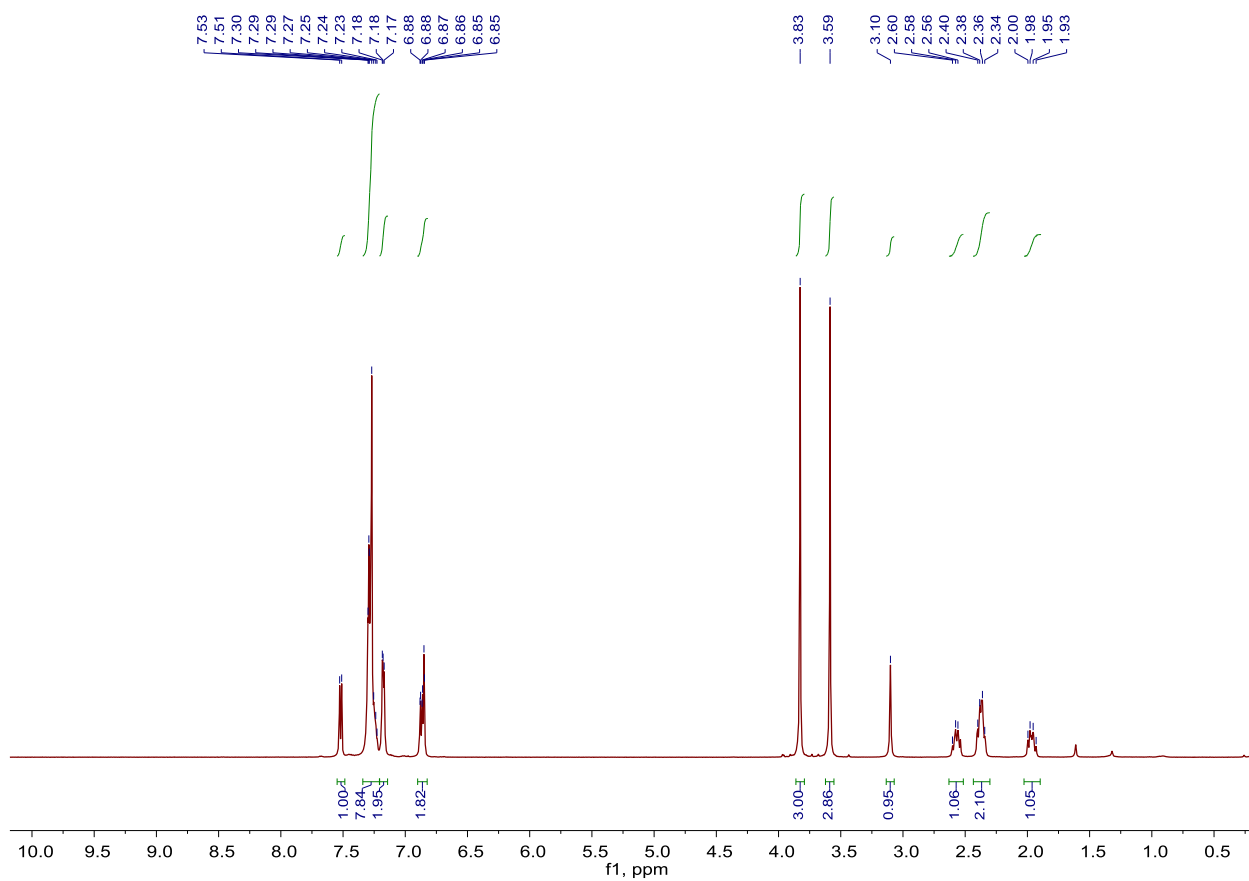
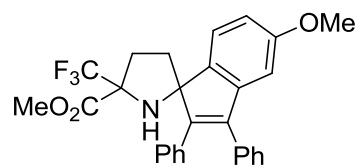
¹H spectrum of **4b** in CDCl₃



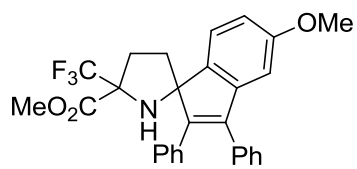
¹⁹F spectrum of **4b** in CDCl₃



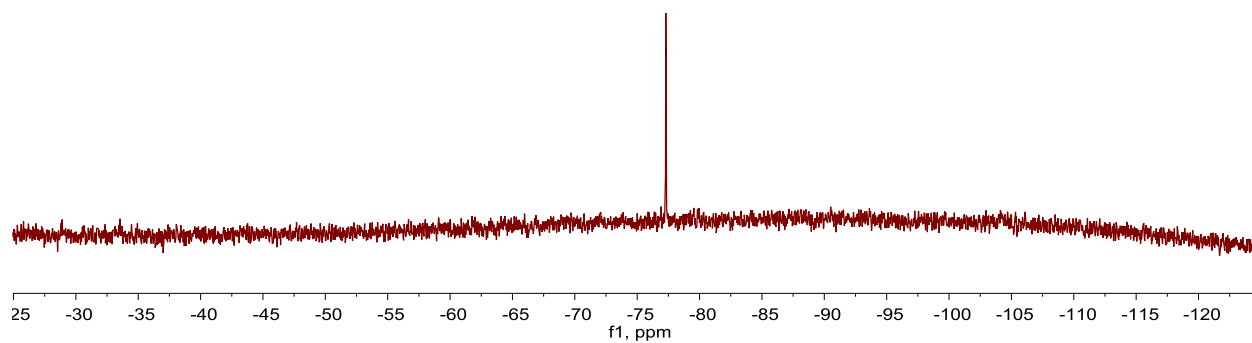
^{13}C spectrum of **4b** in CDCl_3



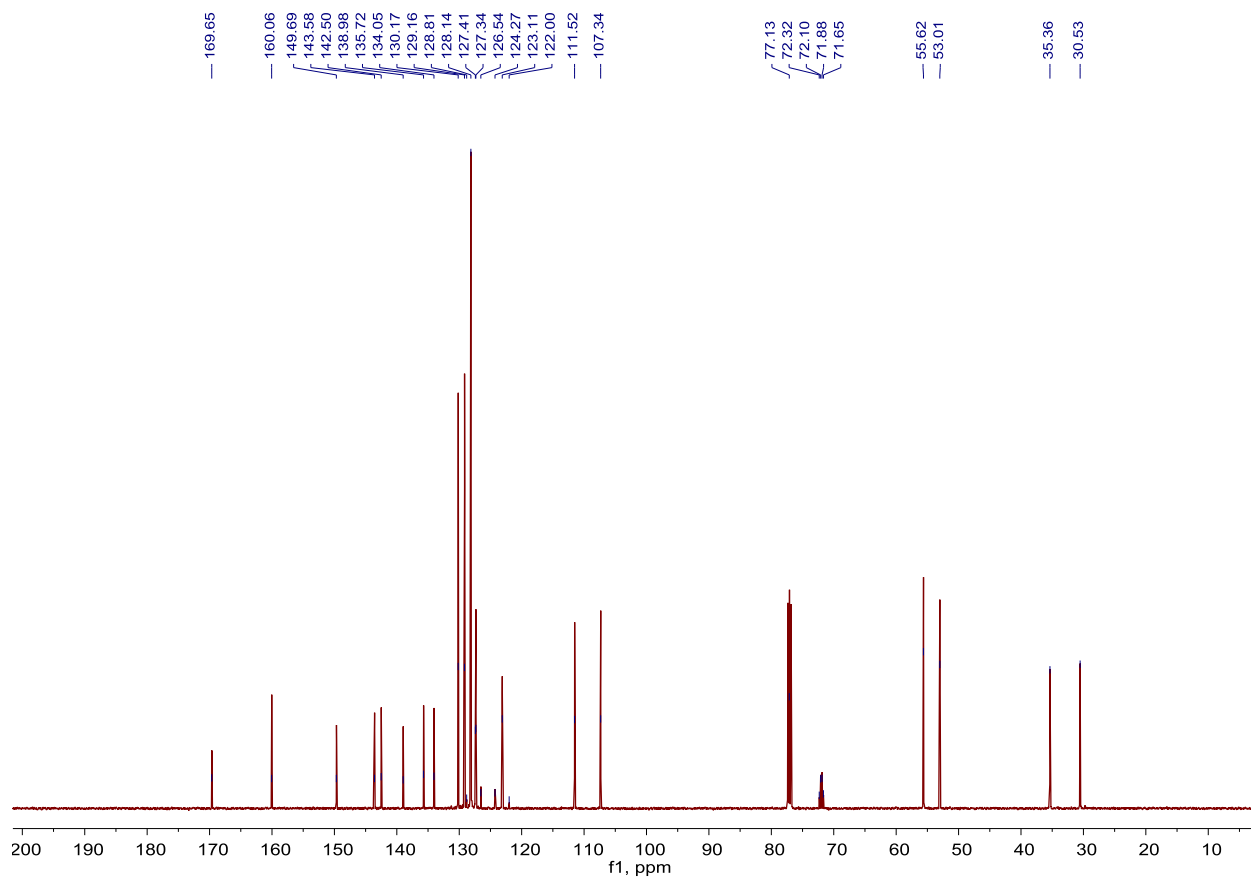
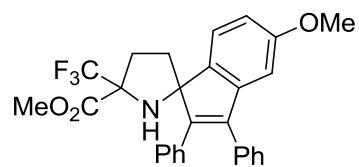
¹H spectrum of **4c** in CDCl₃



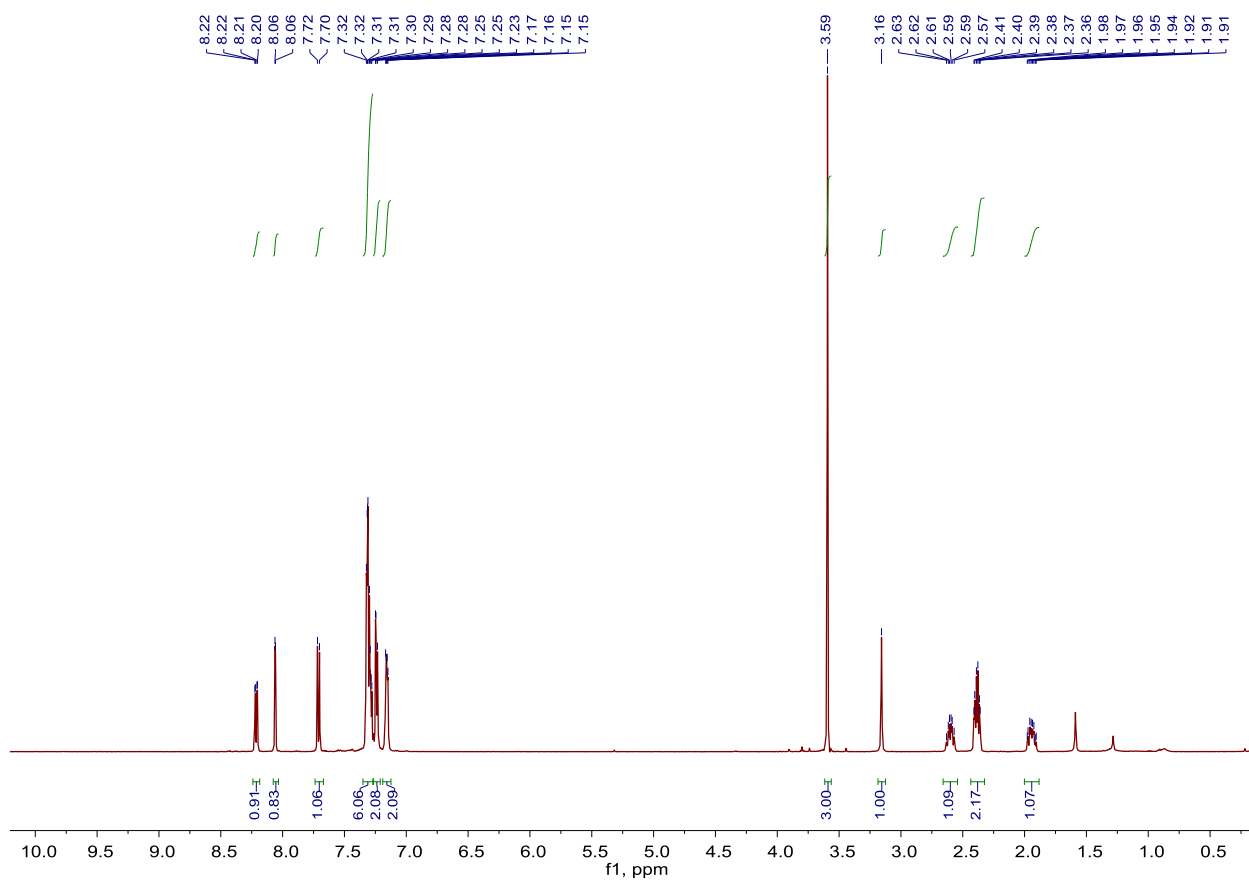
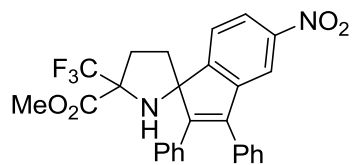
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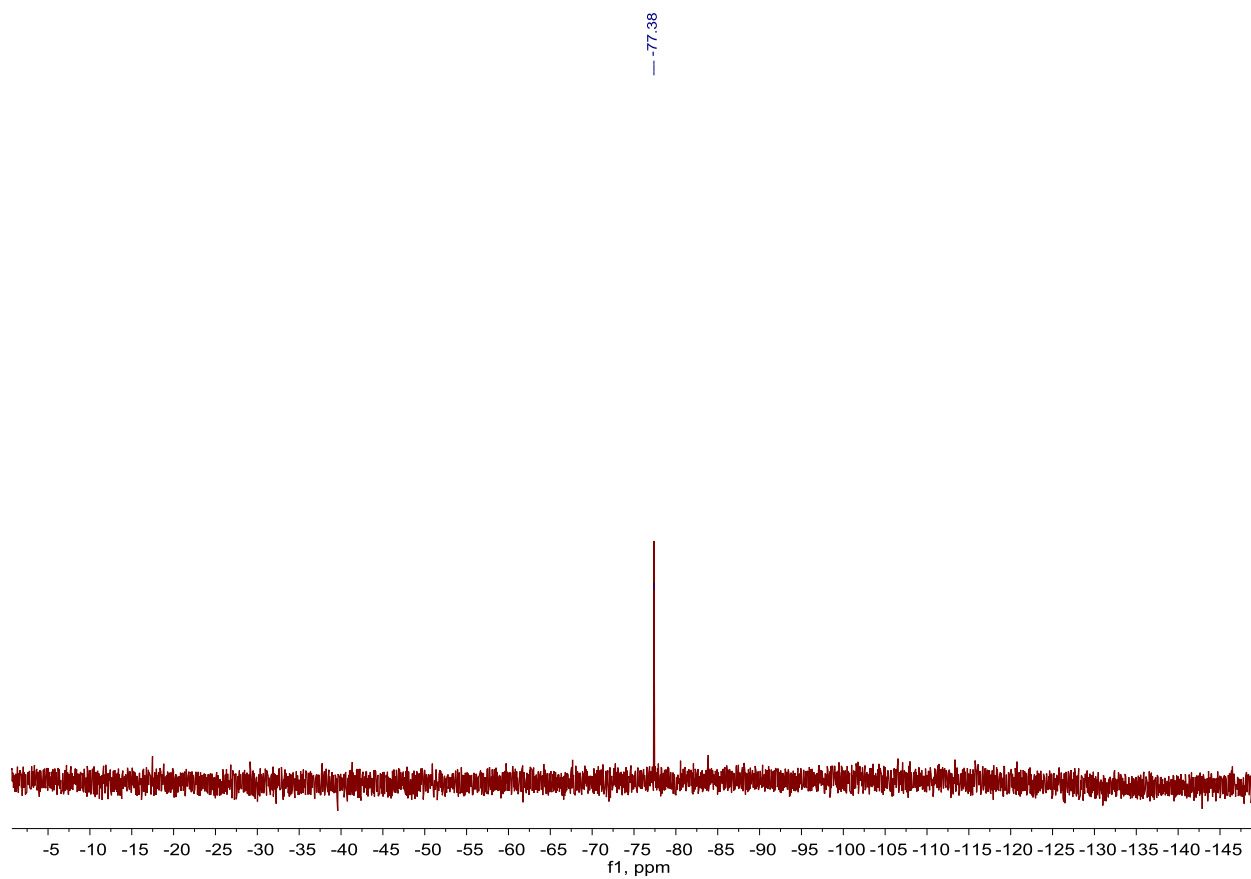
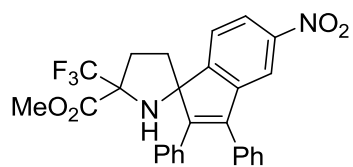
^{19}F spectrum of **4c** in CDCl_3



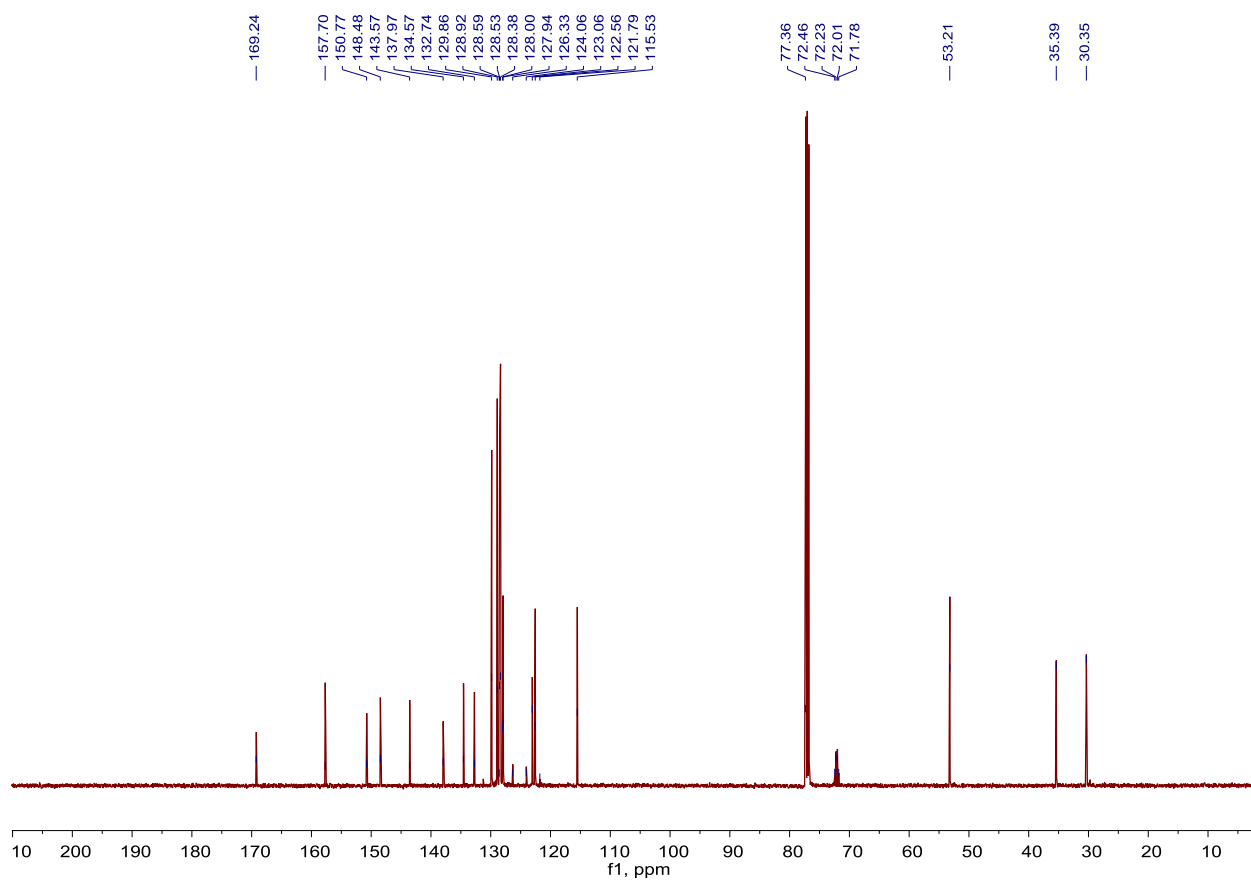
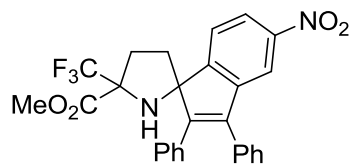
^{13}C spectrum of **4c** in CDCl_3



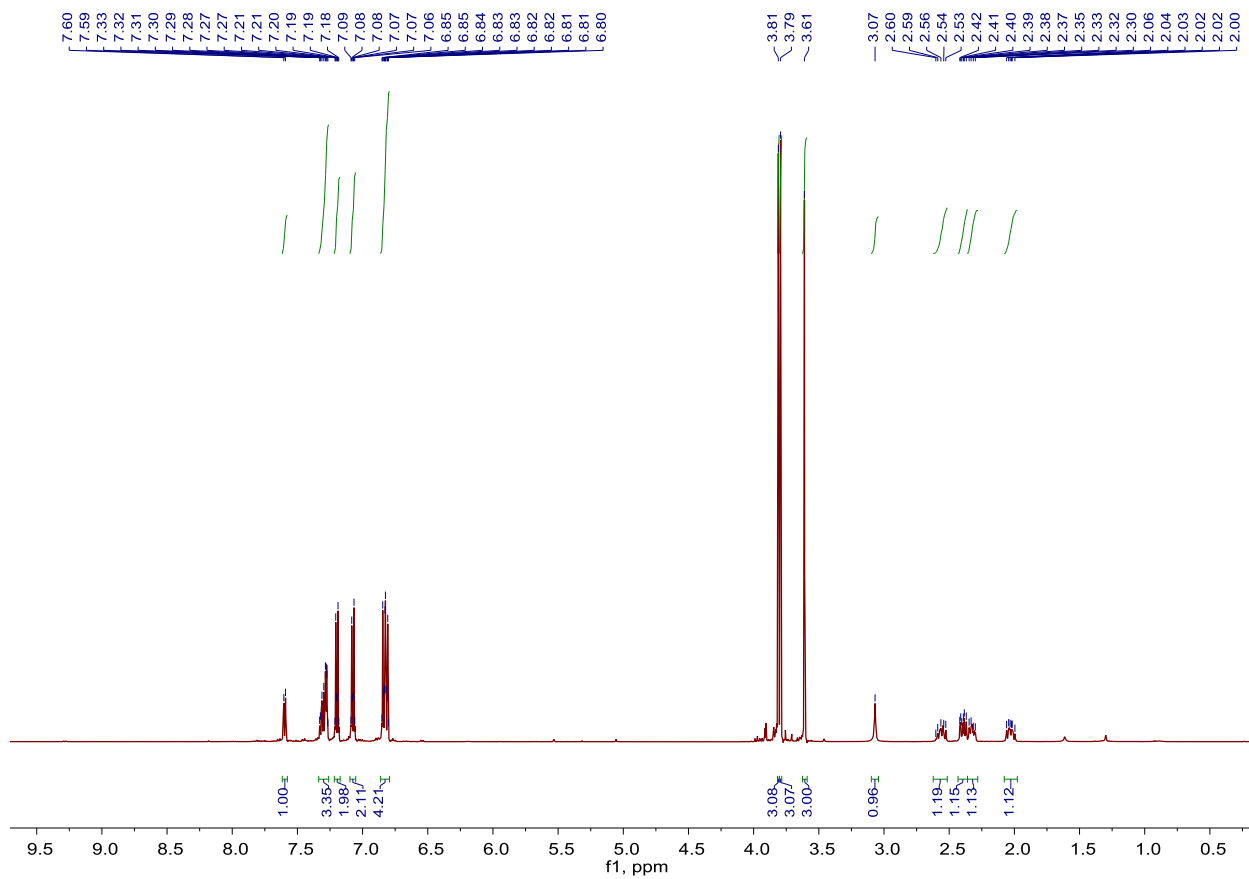
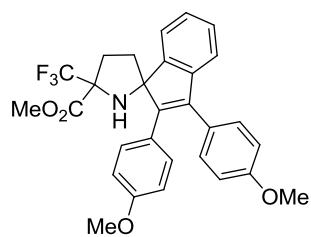
¹H spectrum of **4d** in CDCl₃



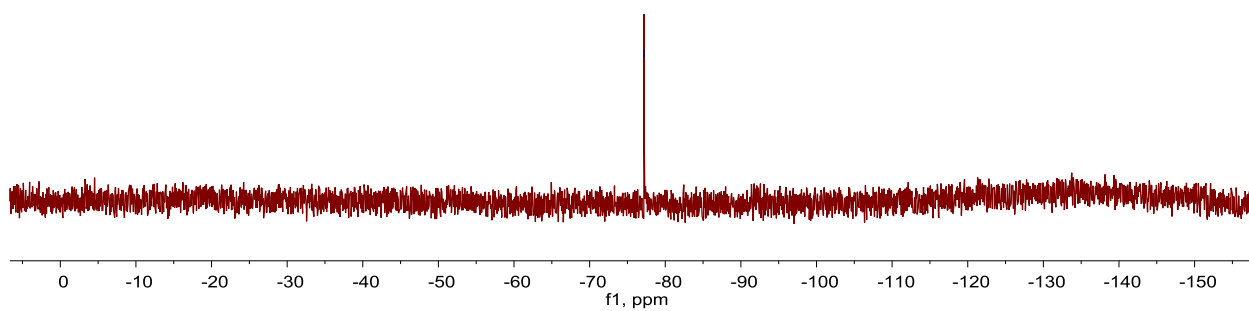
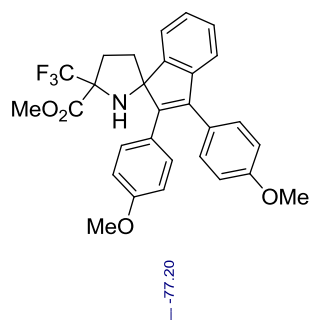
^{19}F spectrum of **4d** in CDCl_3



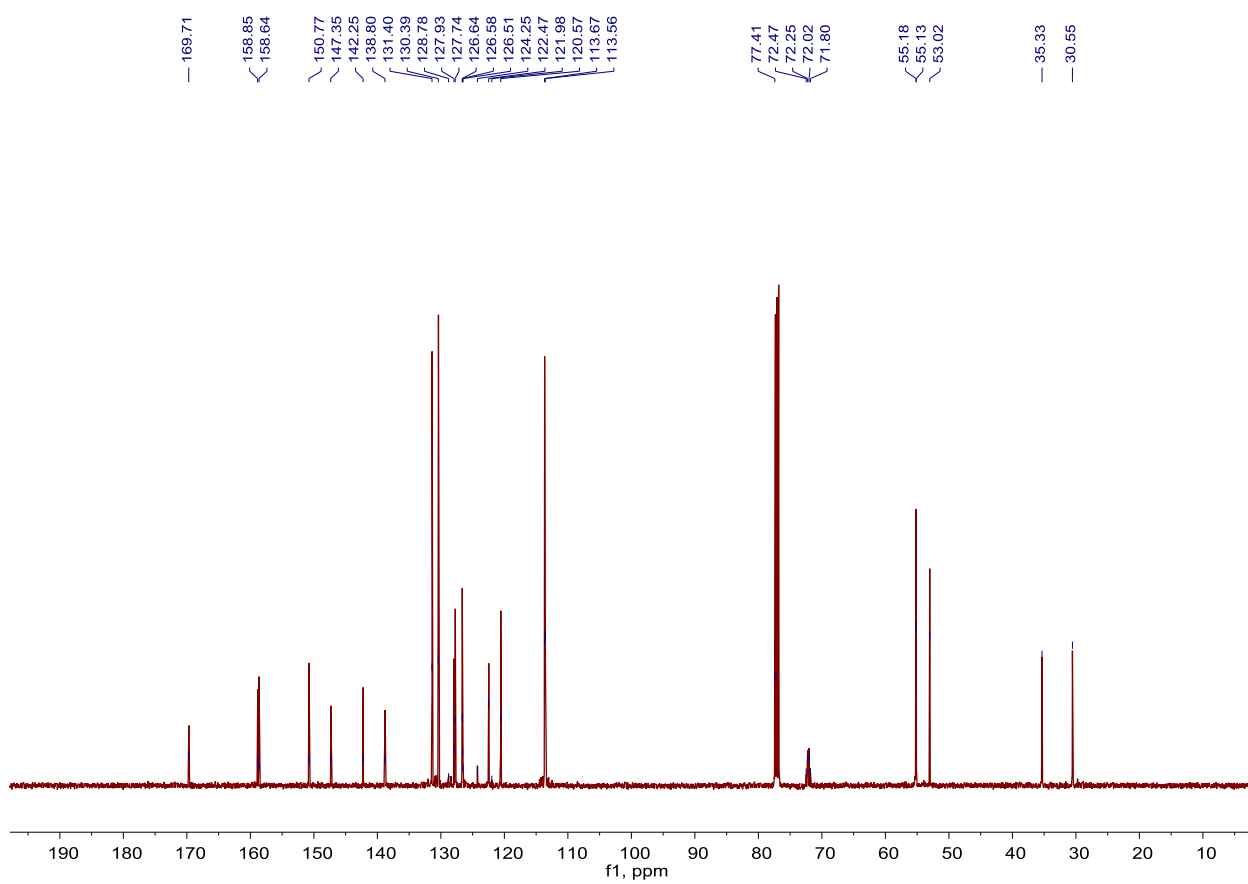
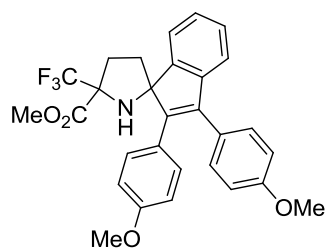
^{13}C spectrum of **4d** in CDCl_3



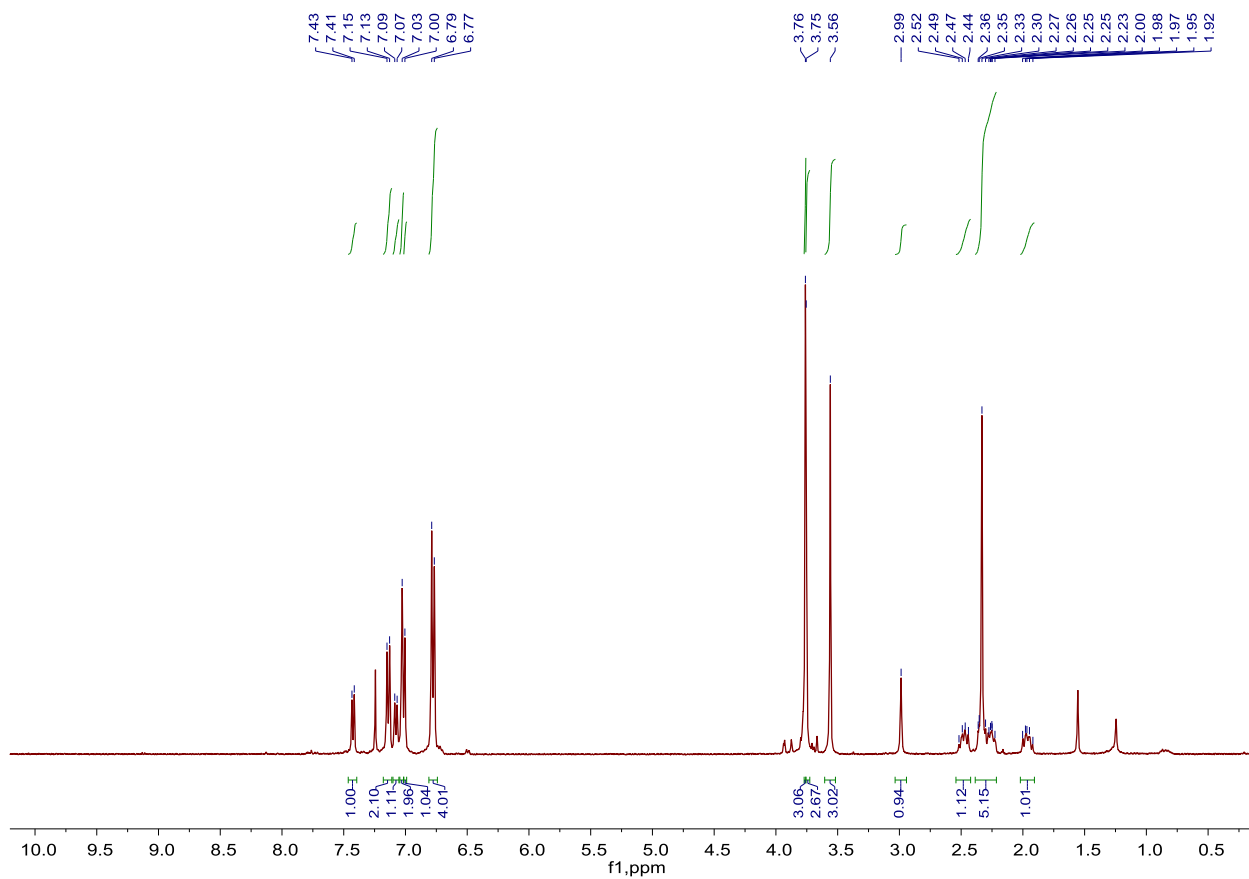
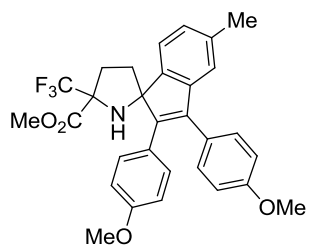
¹H spectrum of **4e** in CDCl₃



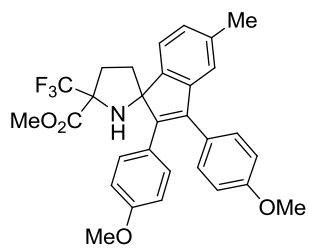
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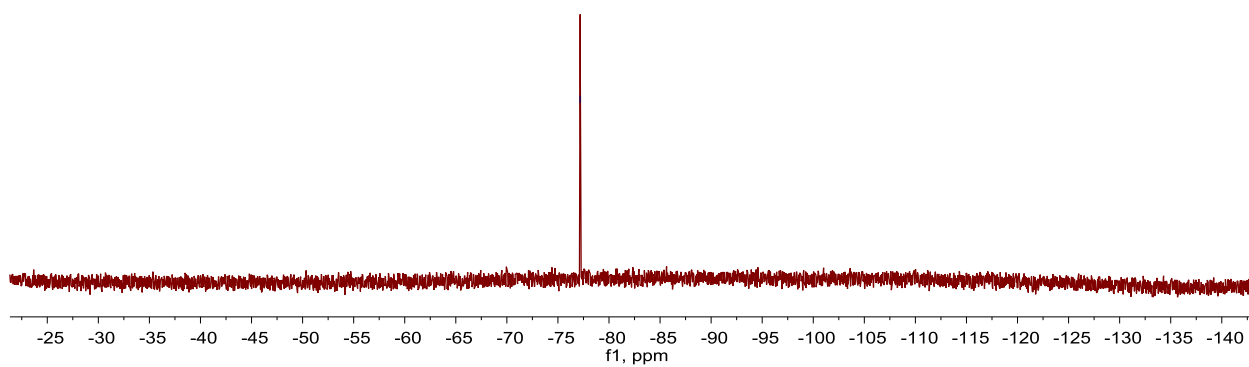
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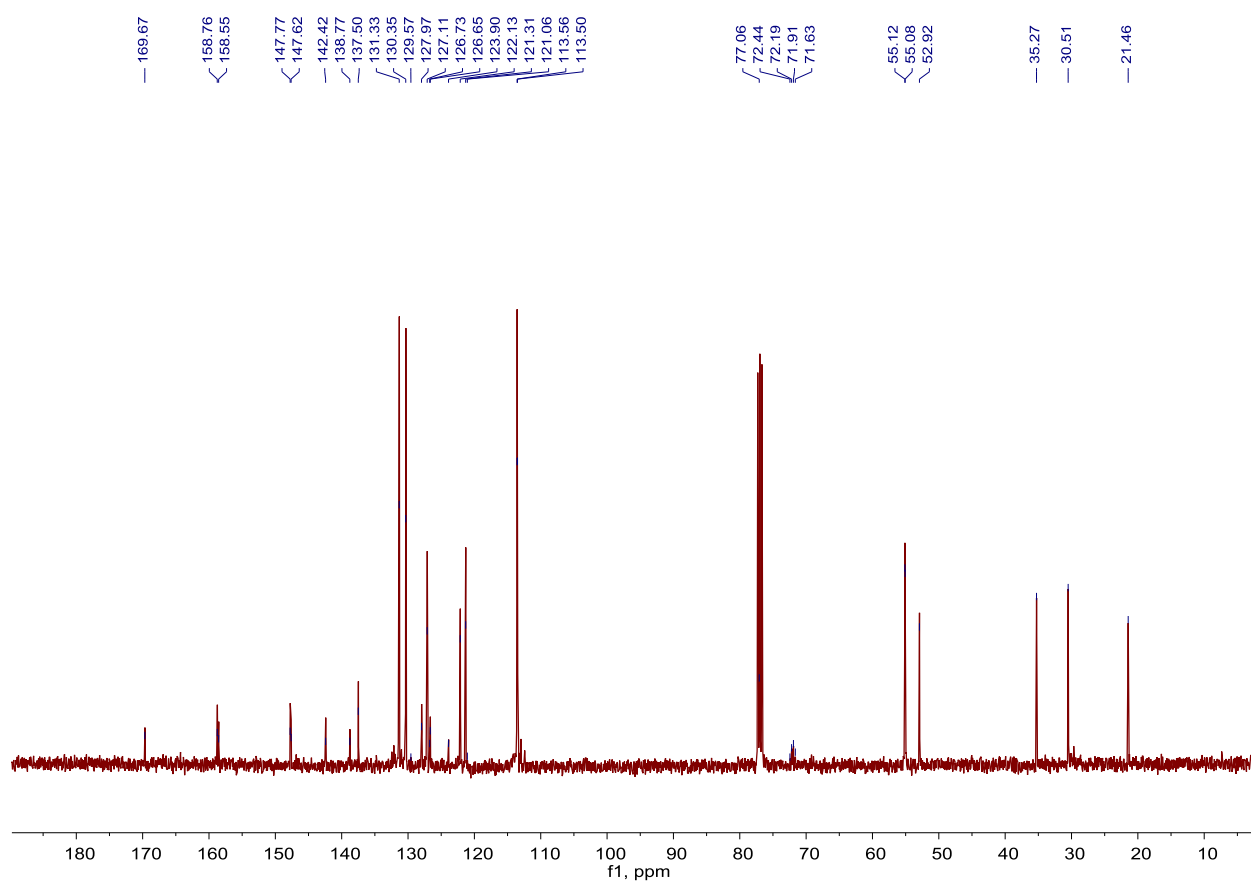
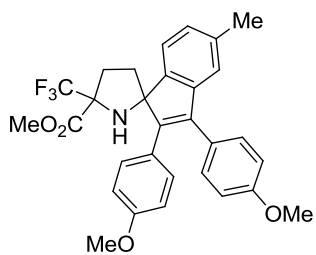
^1H spectrum of **4f** in CDCl_3



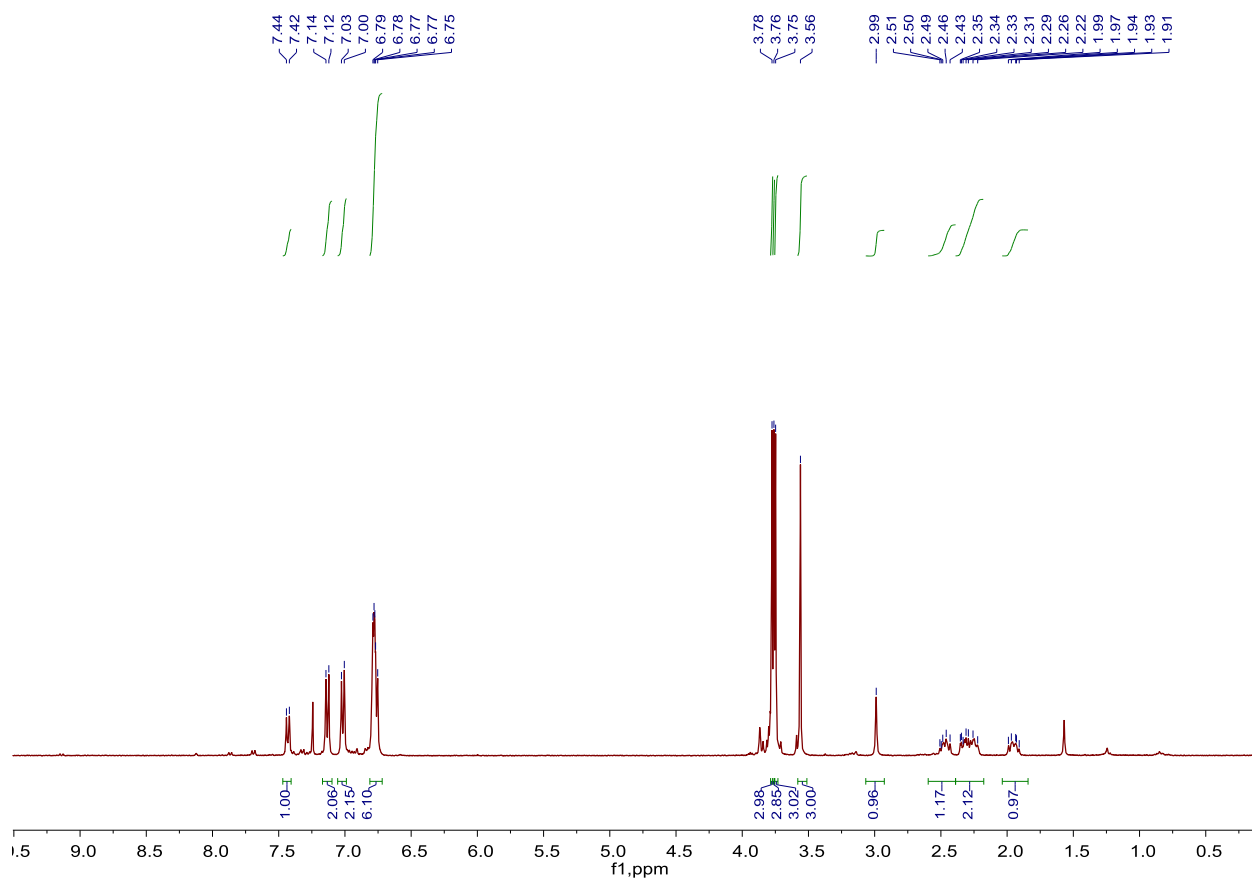
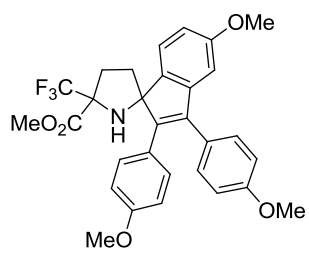
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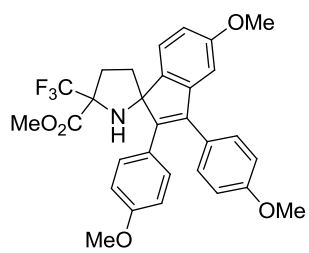
^{19}F spectrum of **4f** in CDCl_3



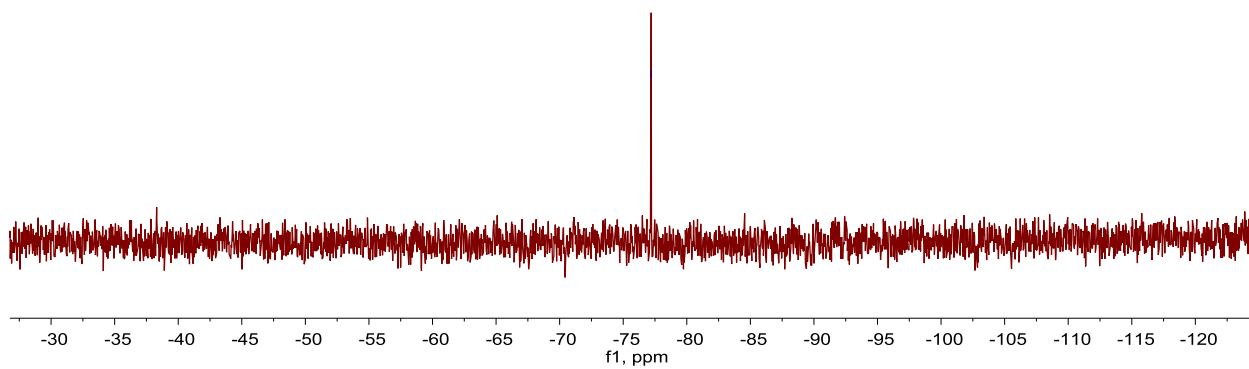
^{13}C spectrum of **4f** in CDCl_3



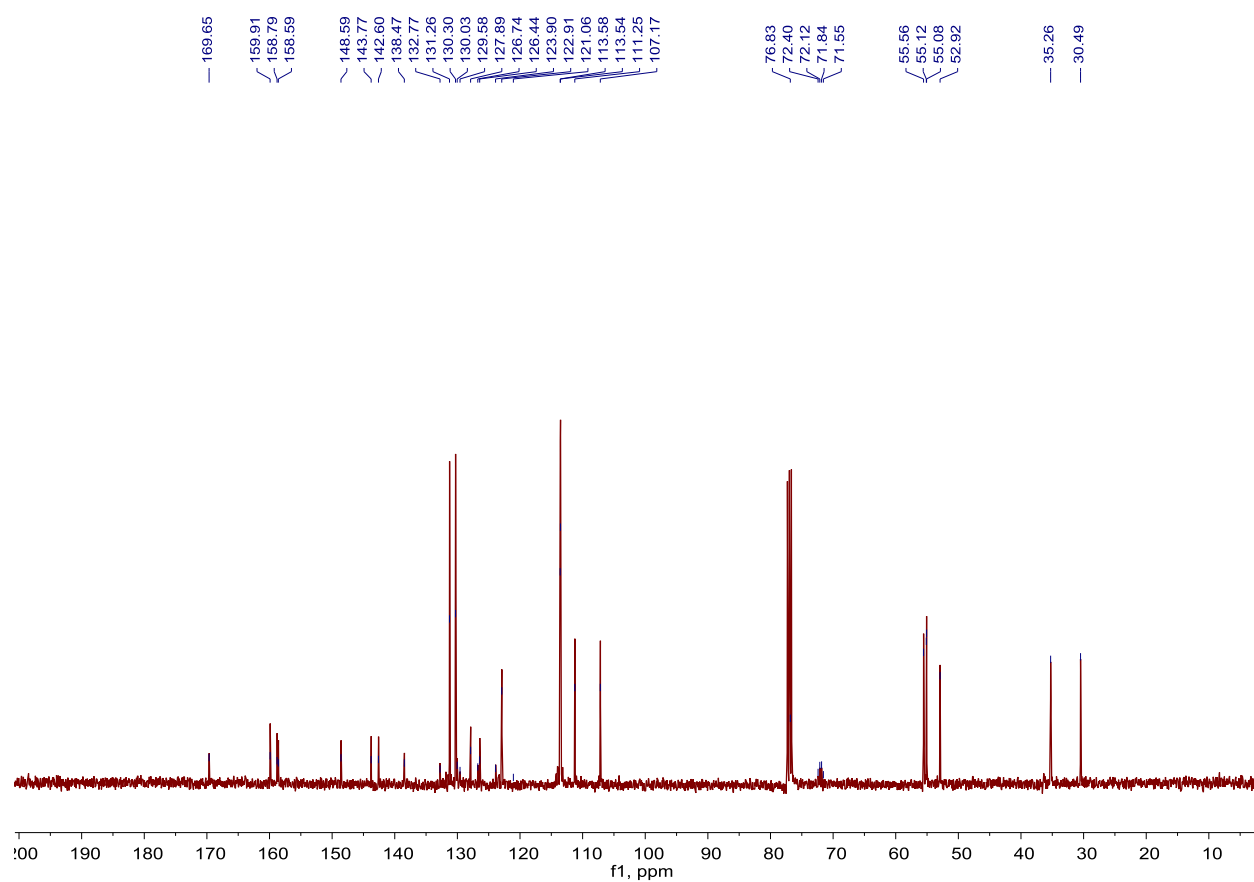
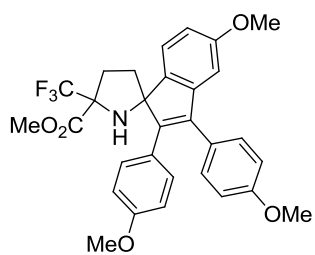
¹H spectrum of **4g** in CDCl₃



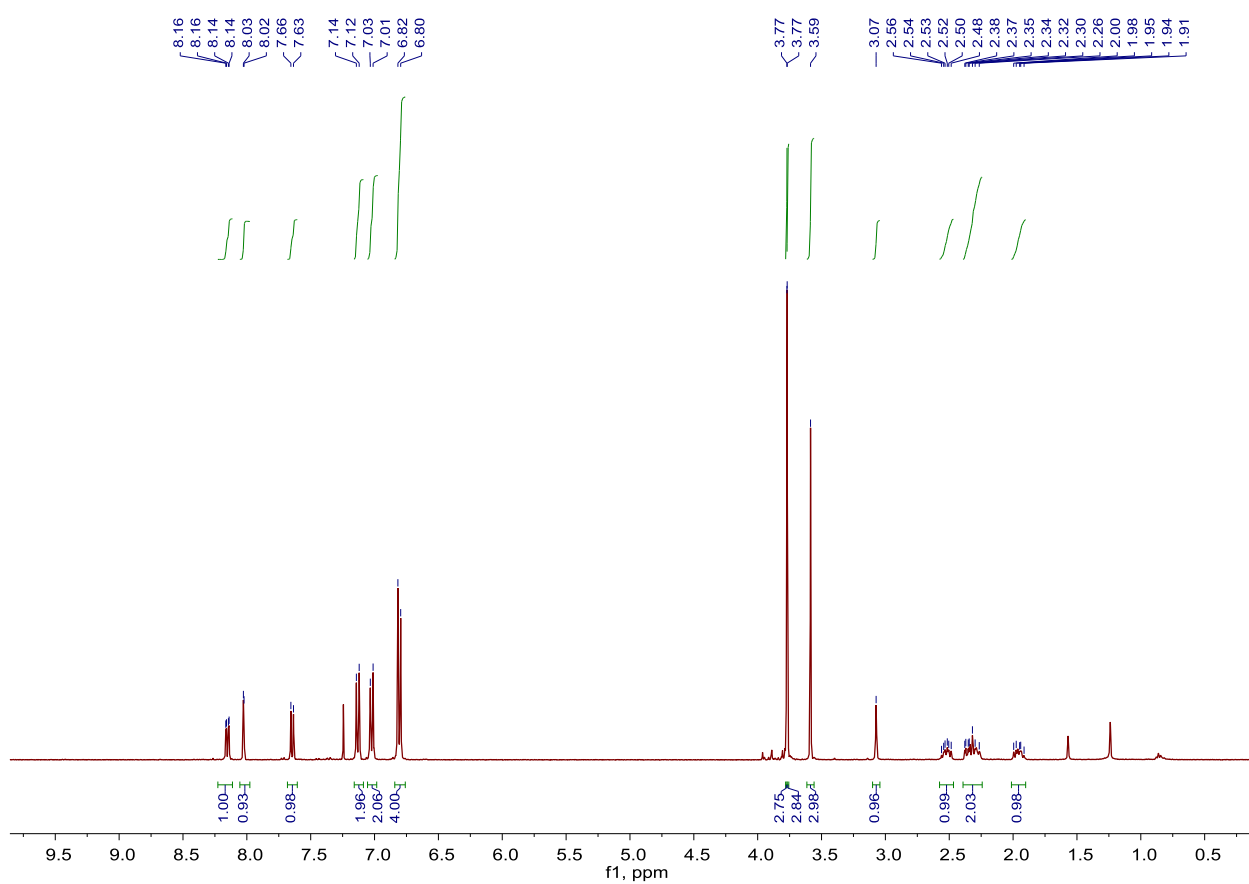
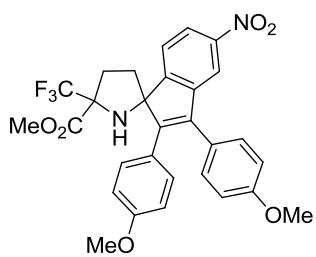
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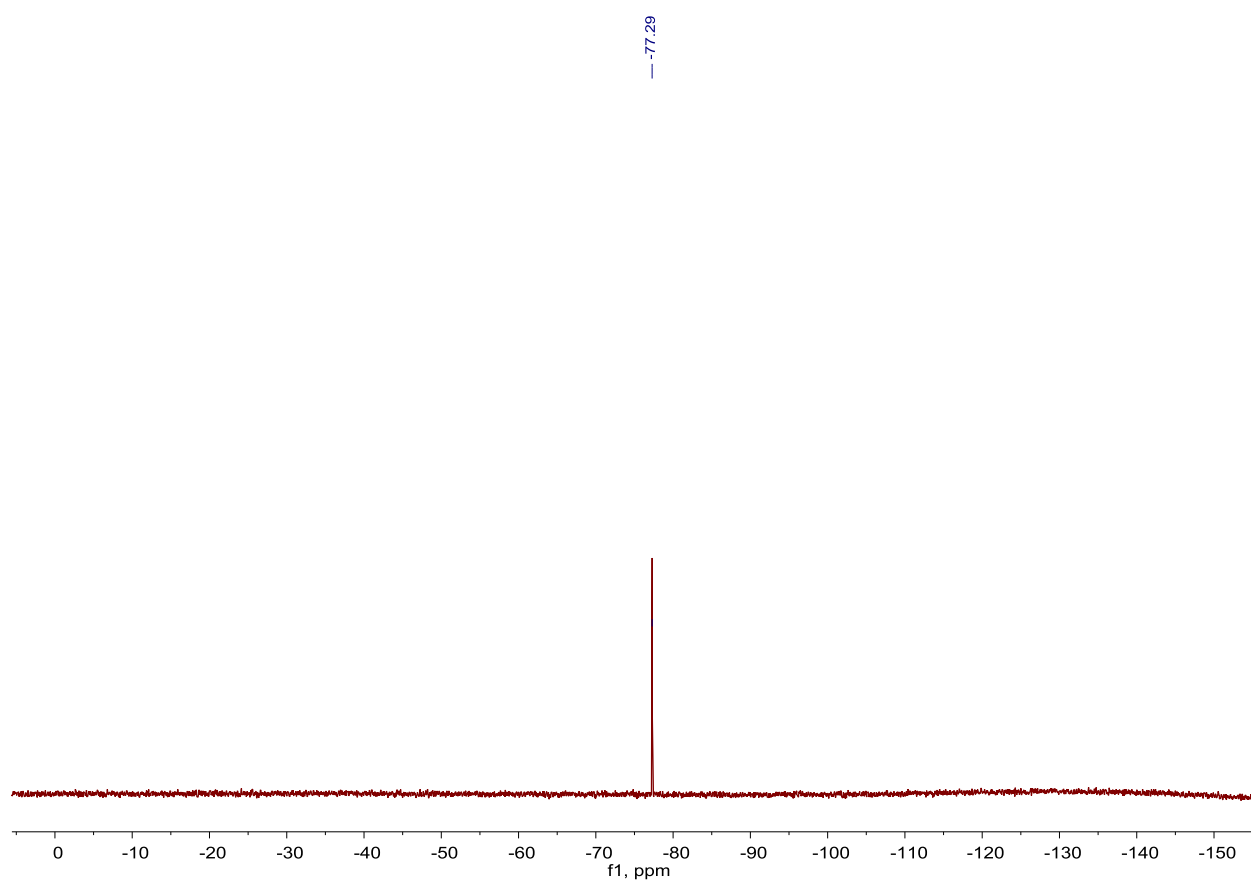
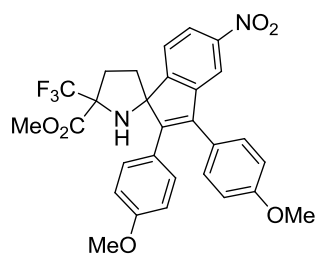
^{19}F spectrum of **4g** in CDCl_3



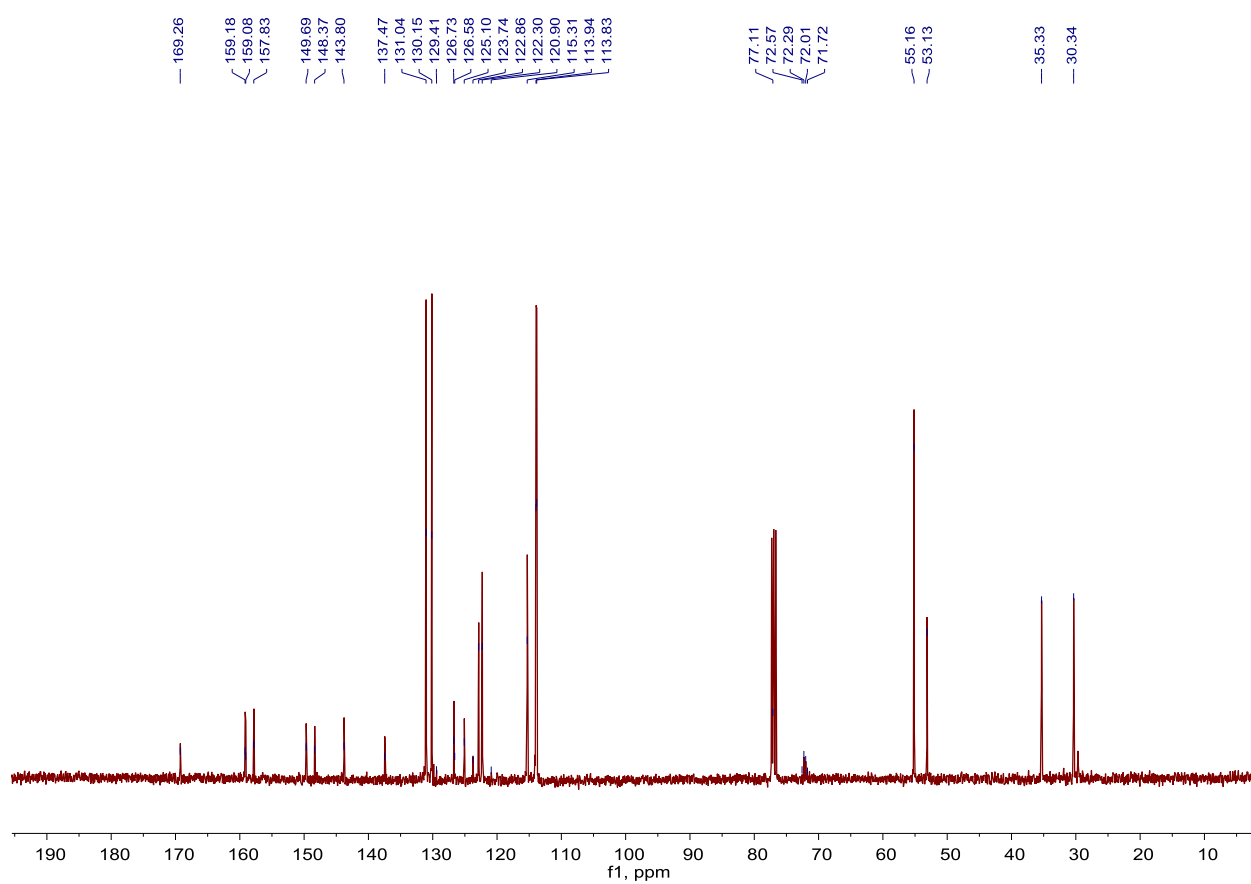
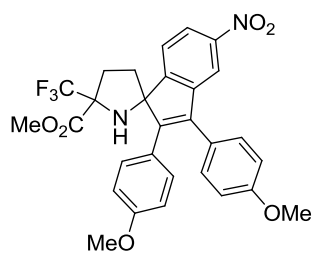
^{13}C spectrum of **4g** in CDCl_3



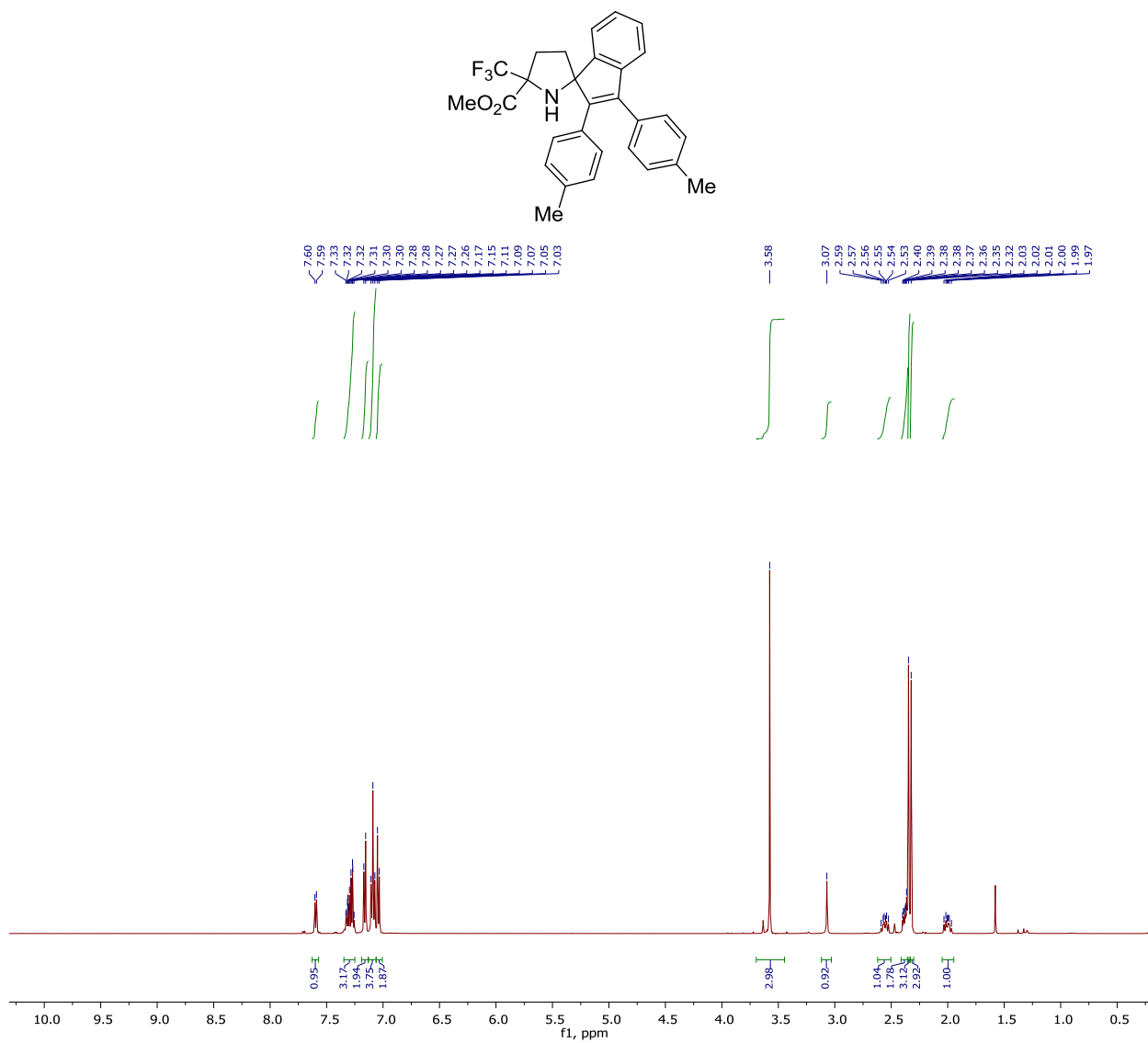
¹H spectrum of **4h** in CDCl₃



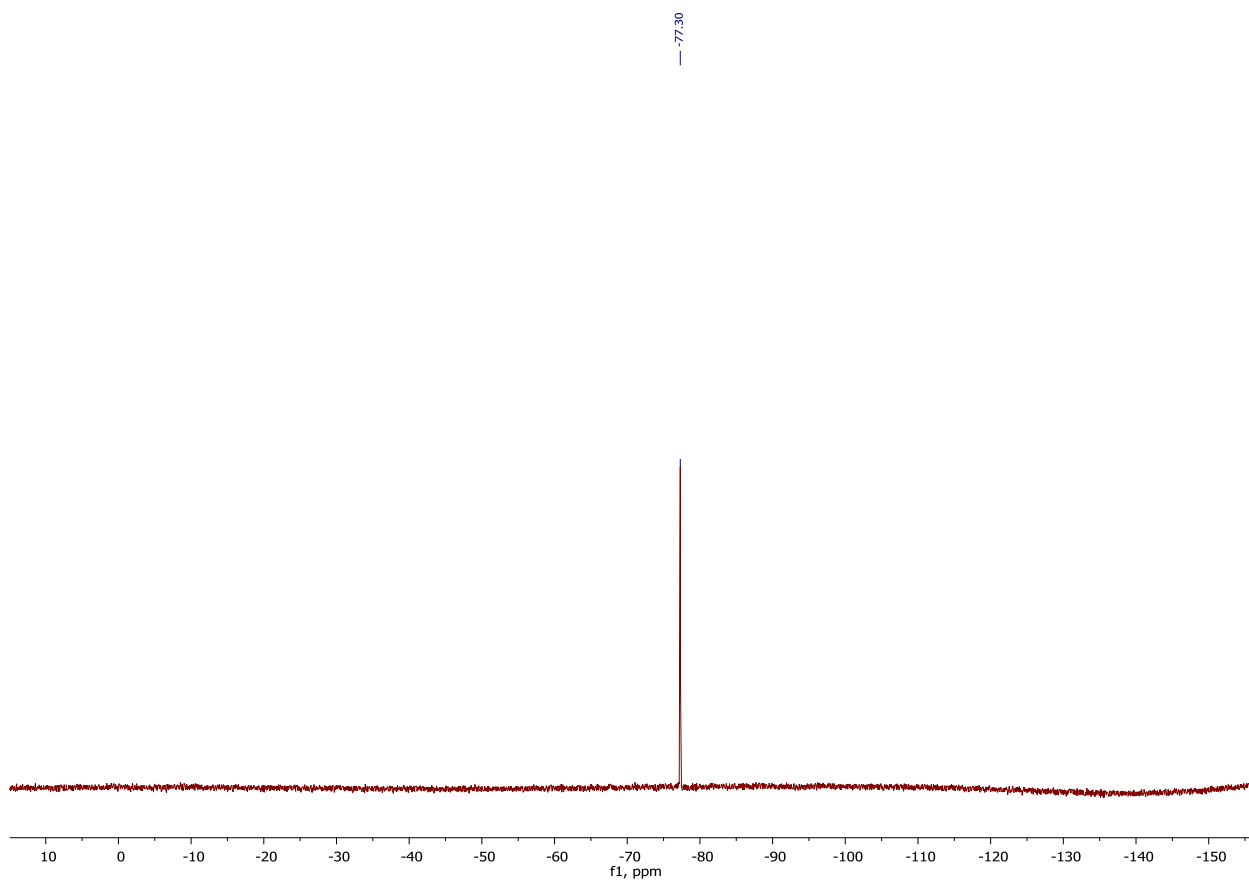
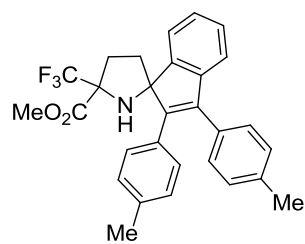
^{19}F spectrum of **4h** in CDCl_3



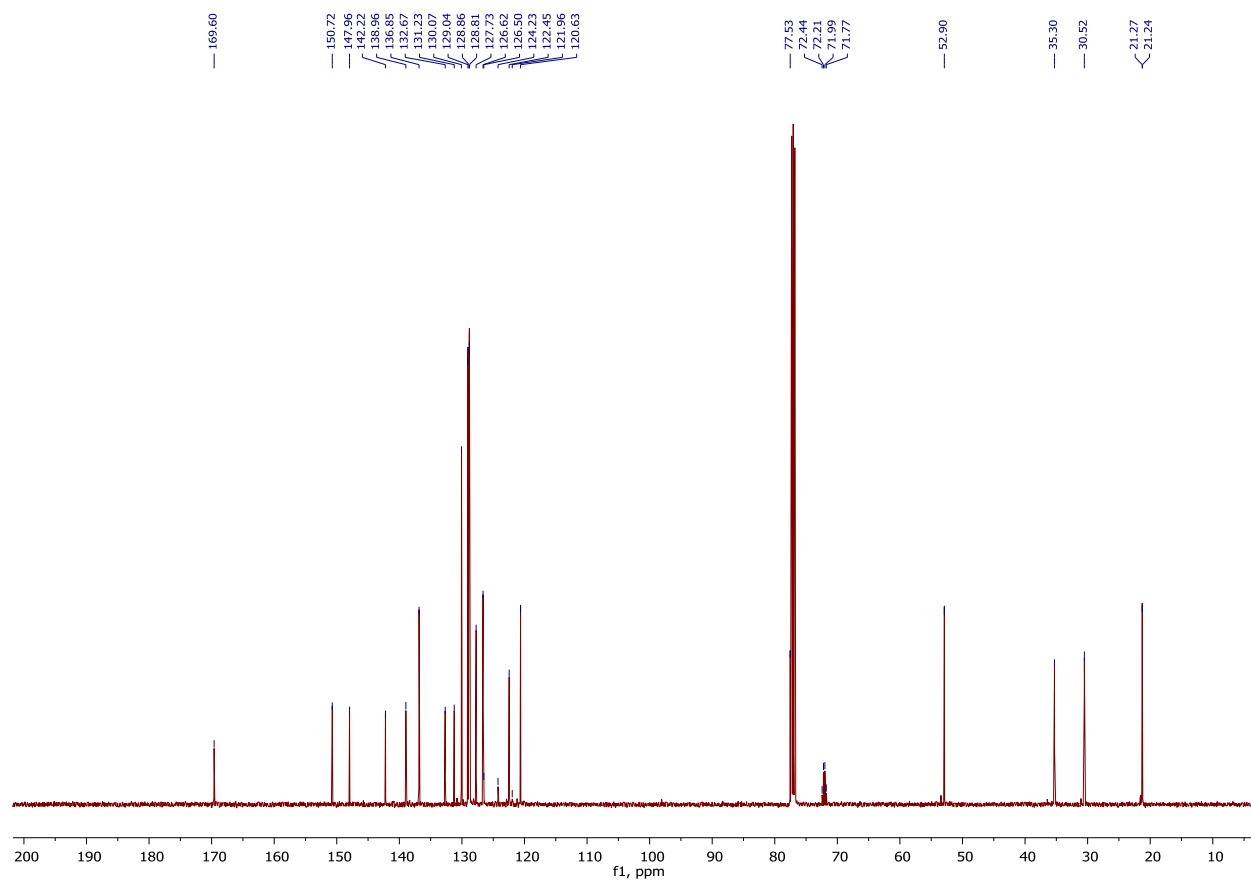
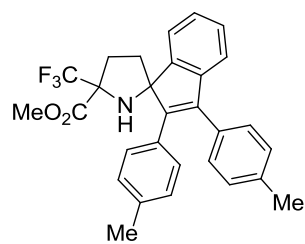
^{13}C spectrum of **4h** in CDCl_3



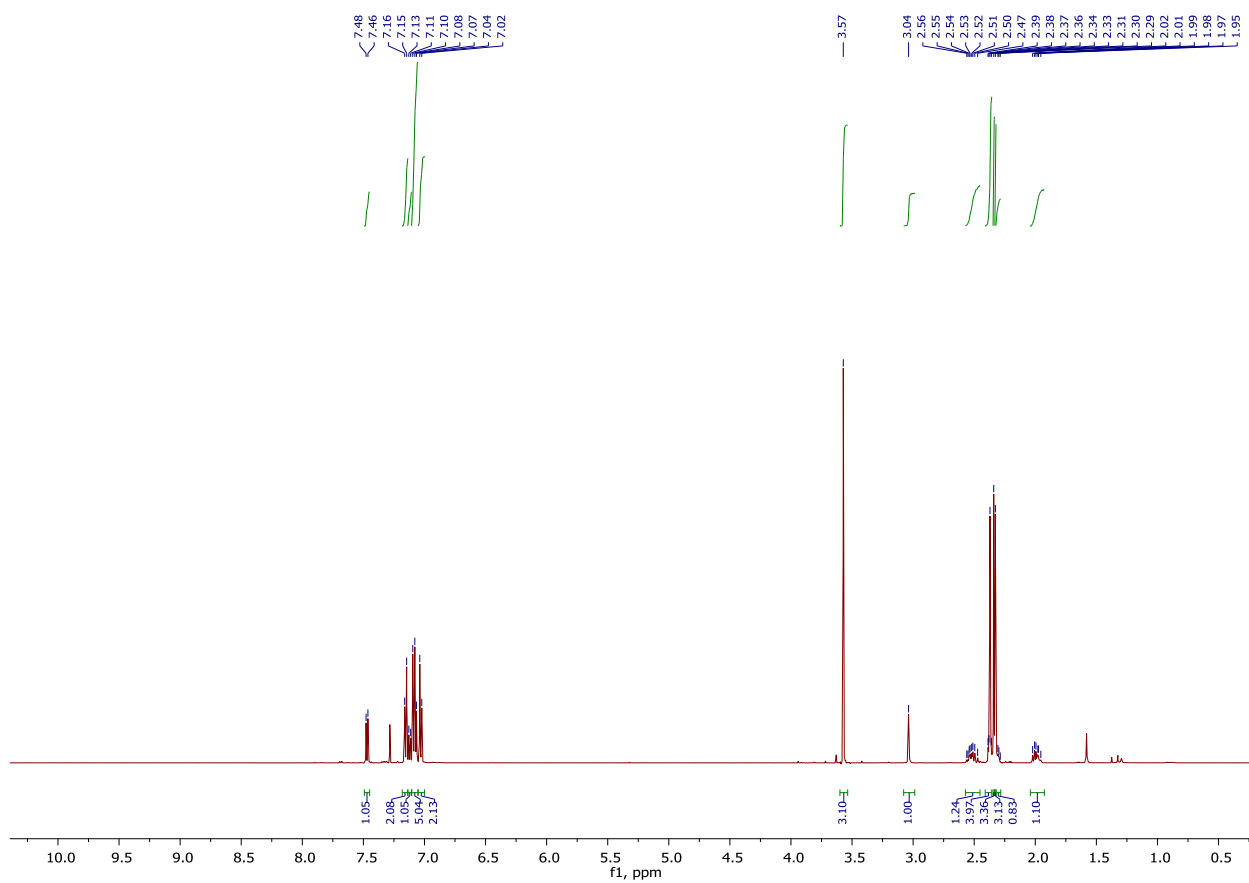
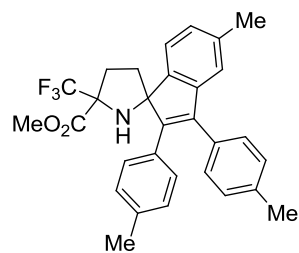
^1H spectrum of **4i** in CDCl_3



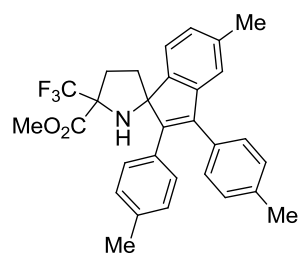
^{19}F spectrum of **4i** in CDCl_3



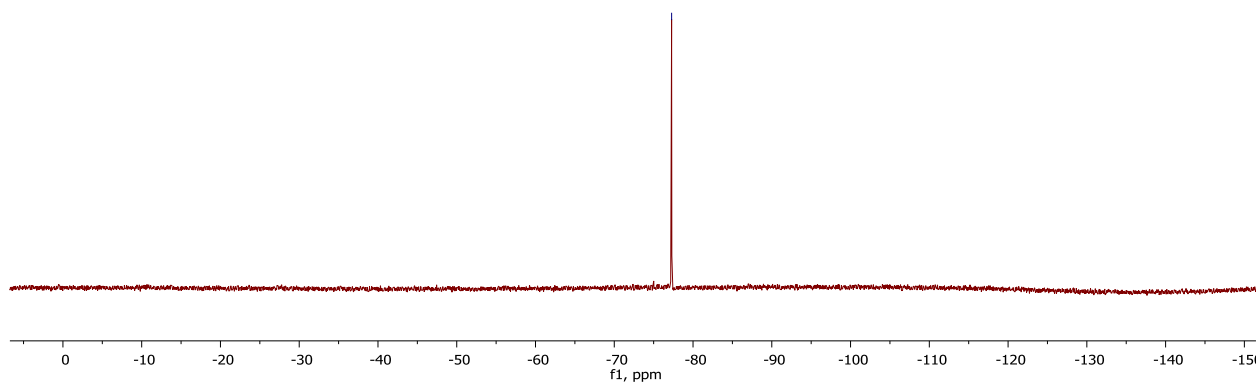
^{13}C spectrum of **4i** in CDCl_3



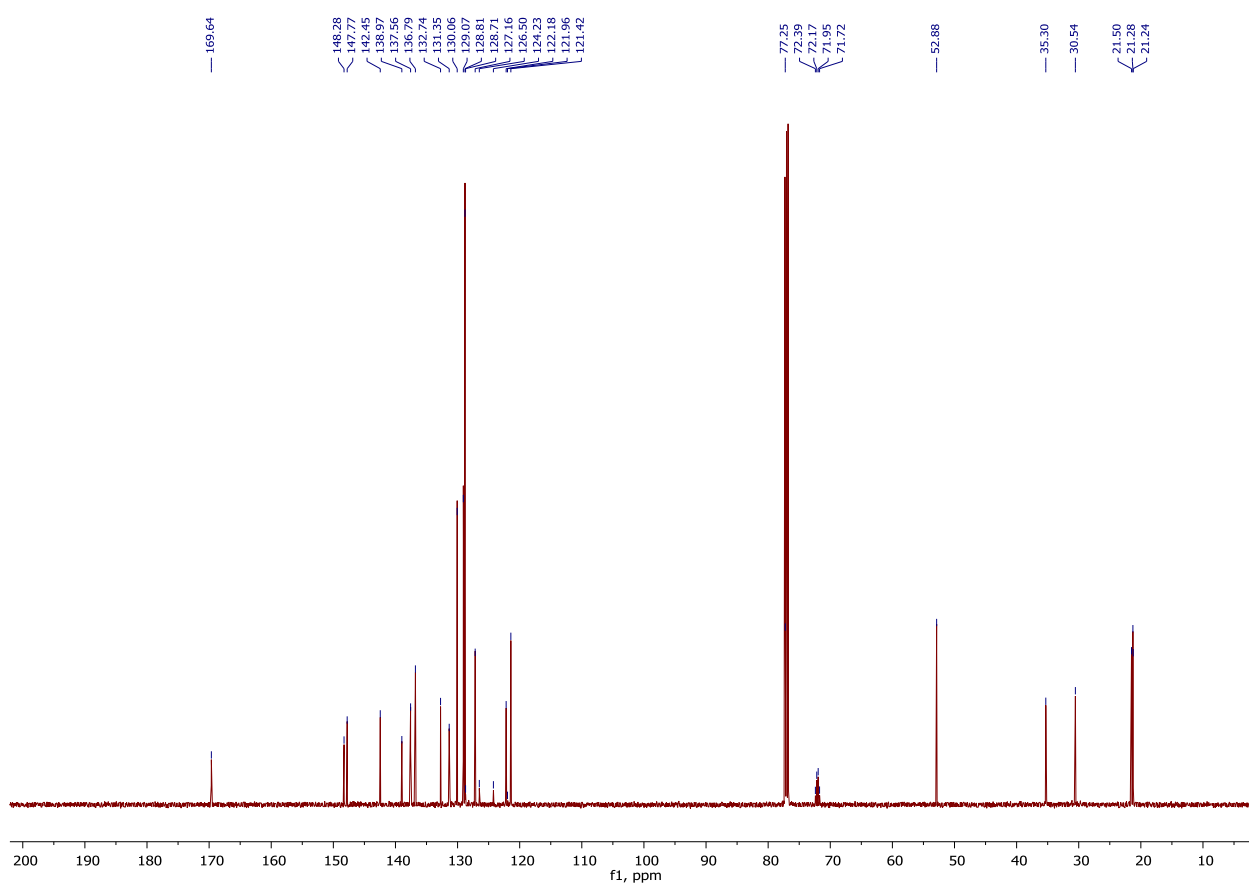
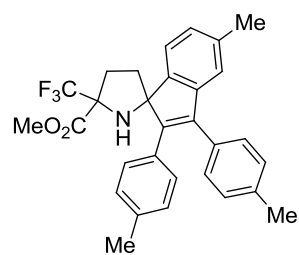
¹H spectrum of **4j** in CDCl₃



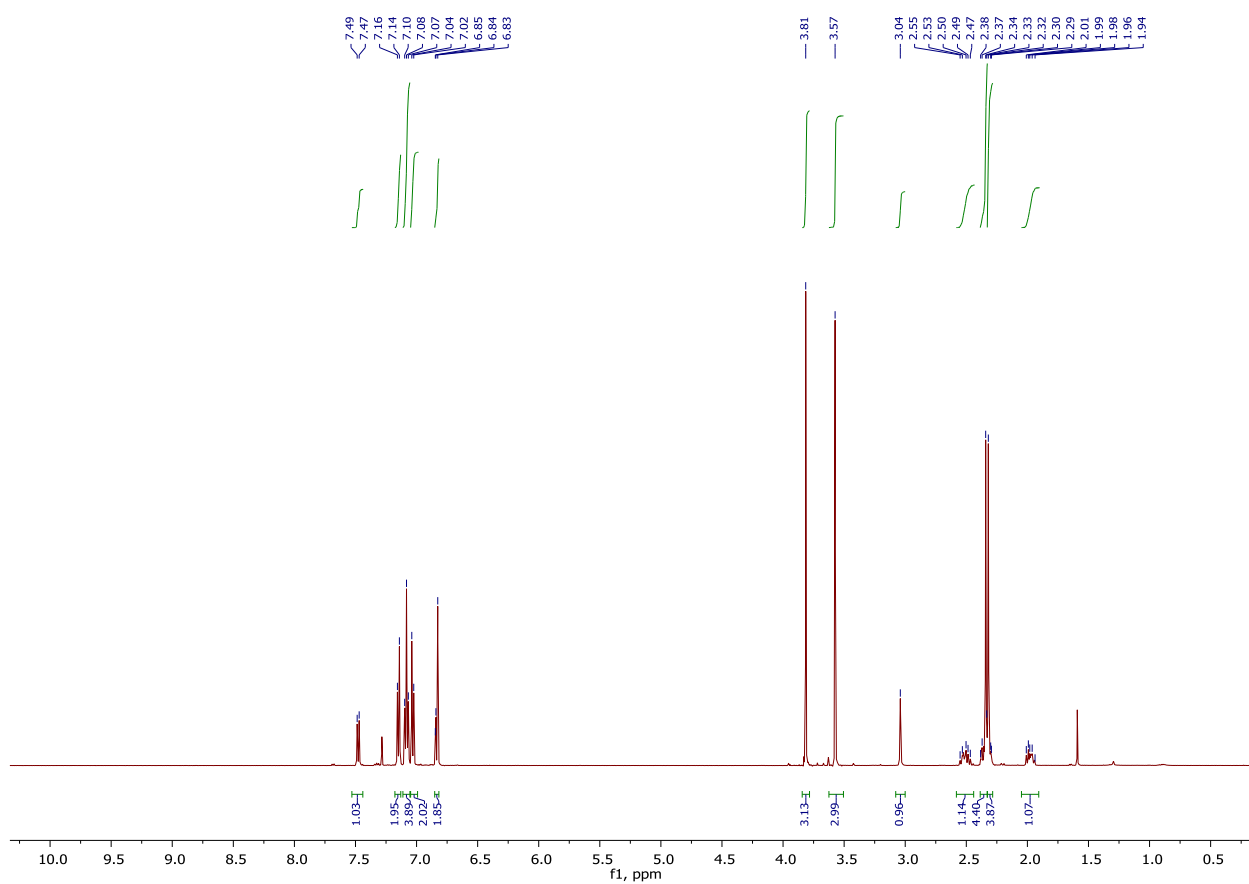
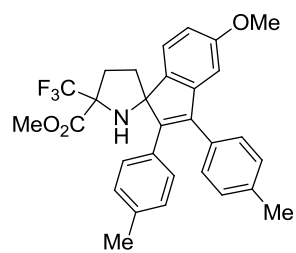
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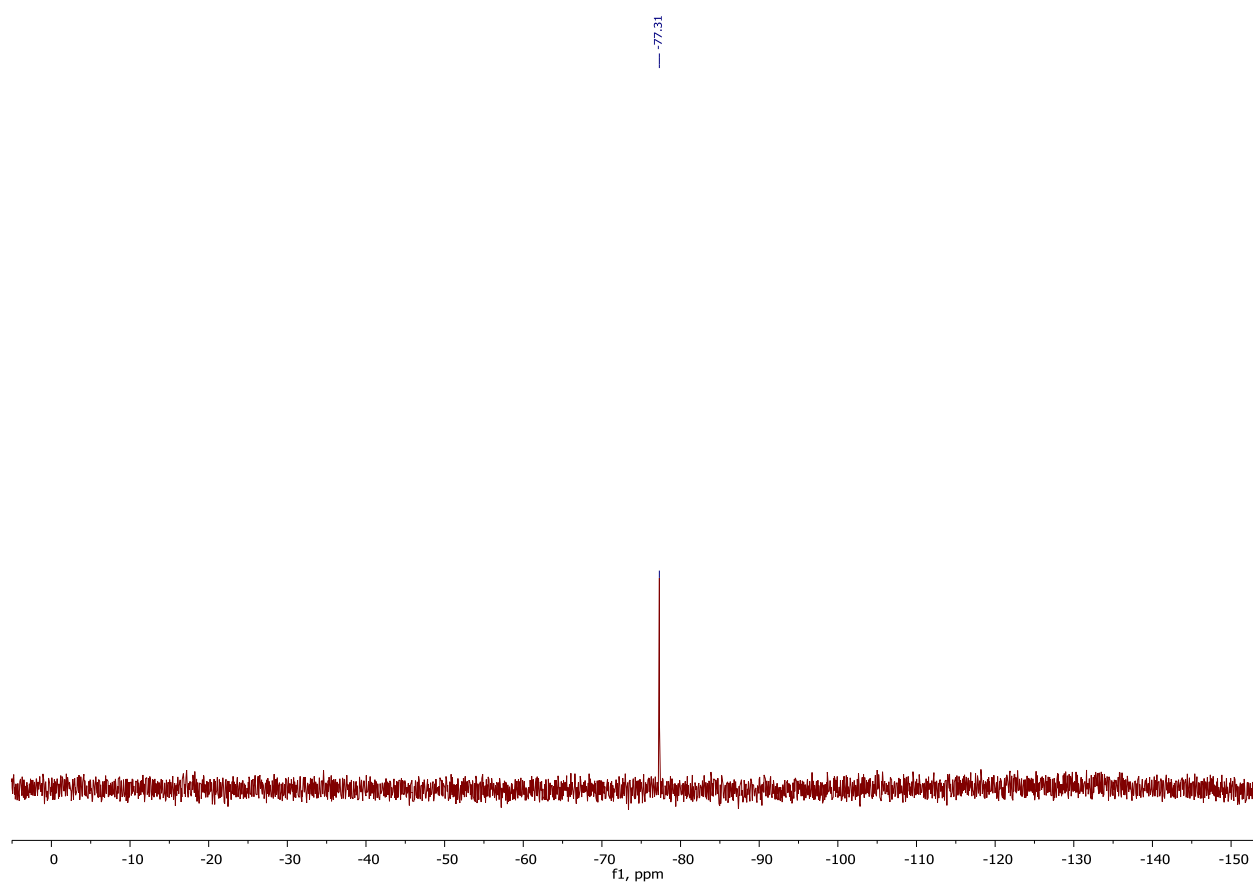
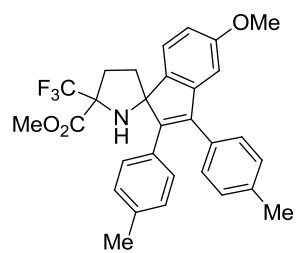
^{19}F spectrum of **4j** in CDCl_3



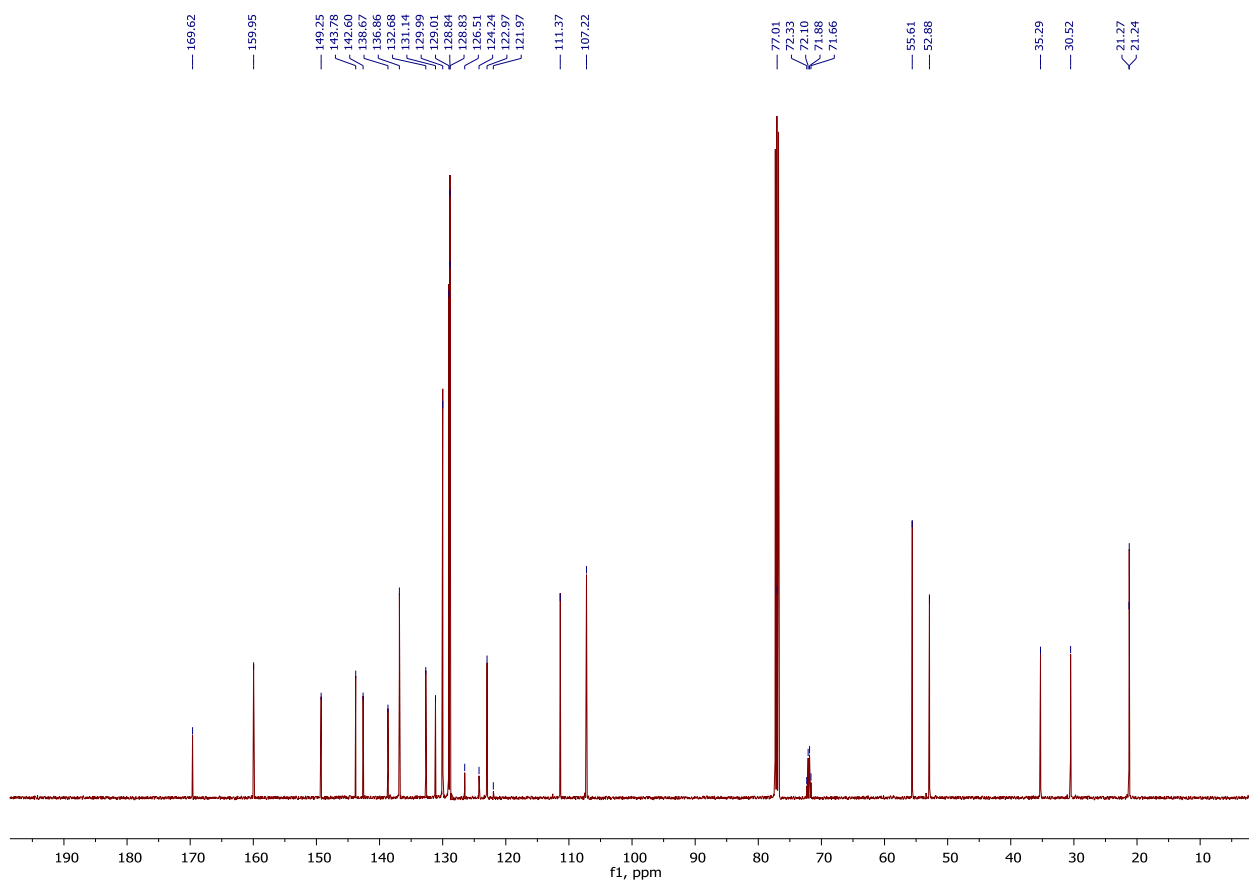
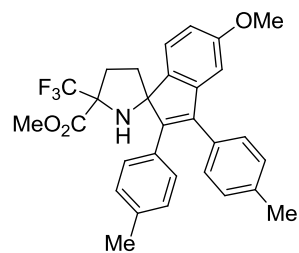
^{13}C spectrum of **4j** in CDCl_3



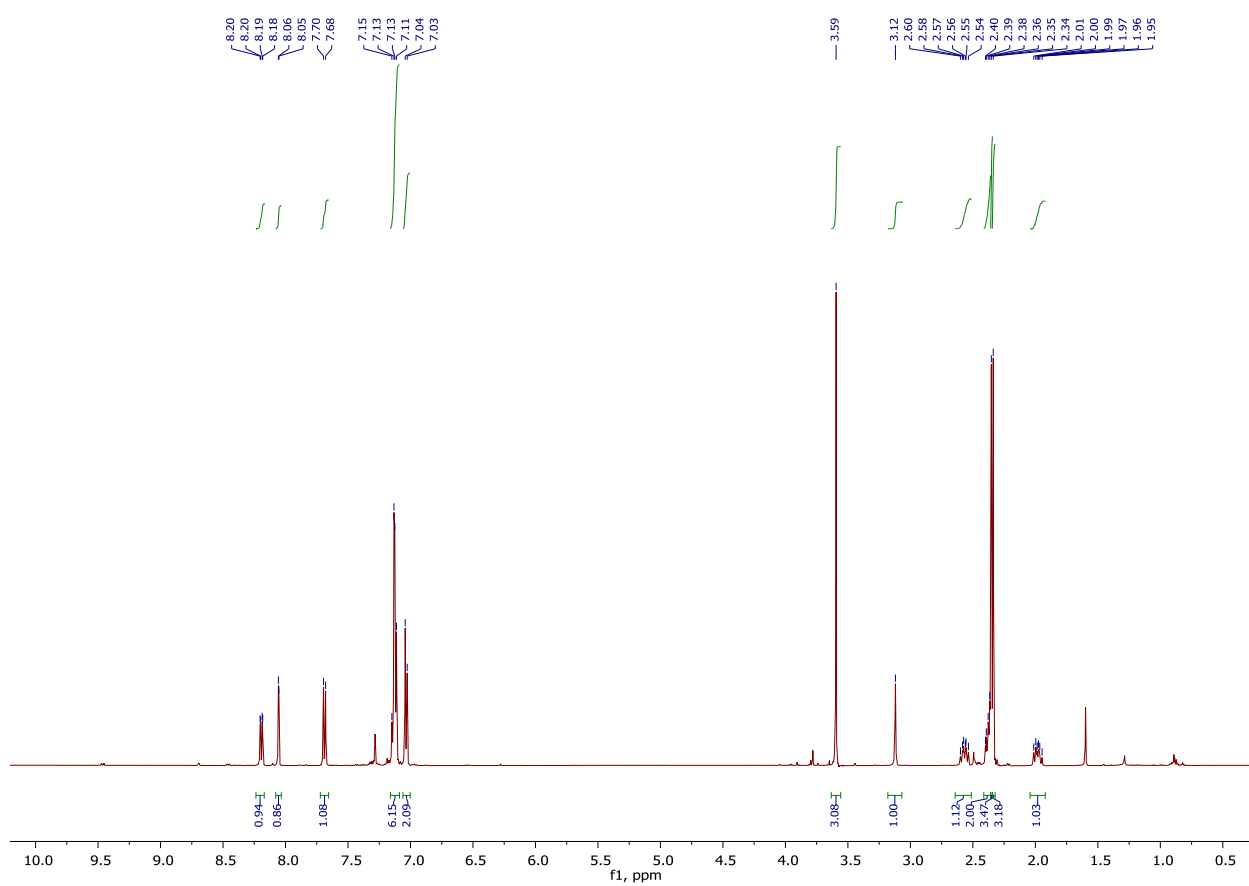
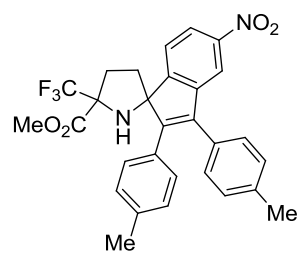
¹H spectrum of **4k** in CDCl₃



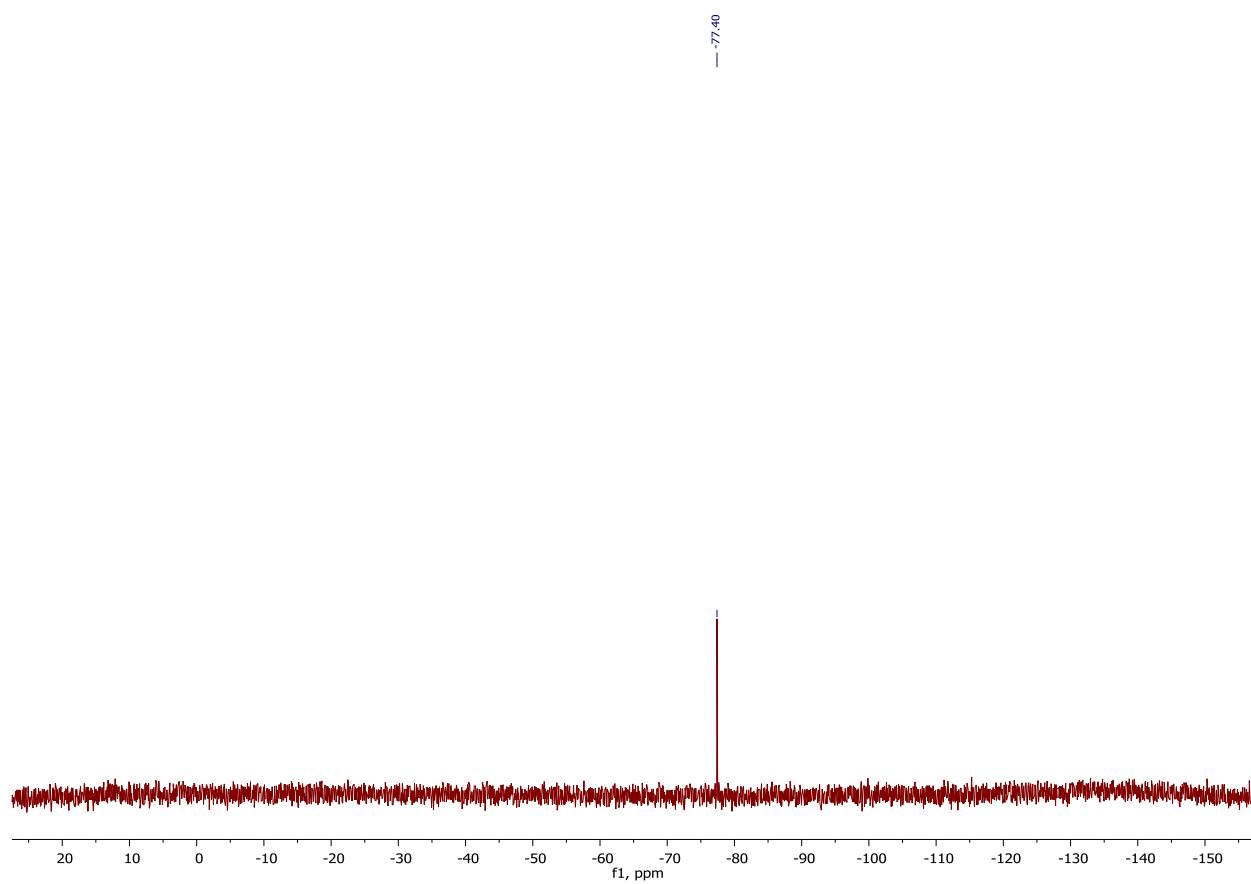
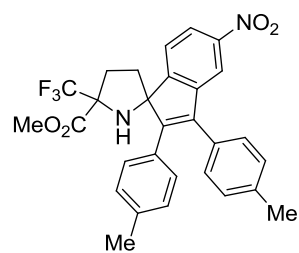
^{19}F spectrum of **4k** in CDCl_3



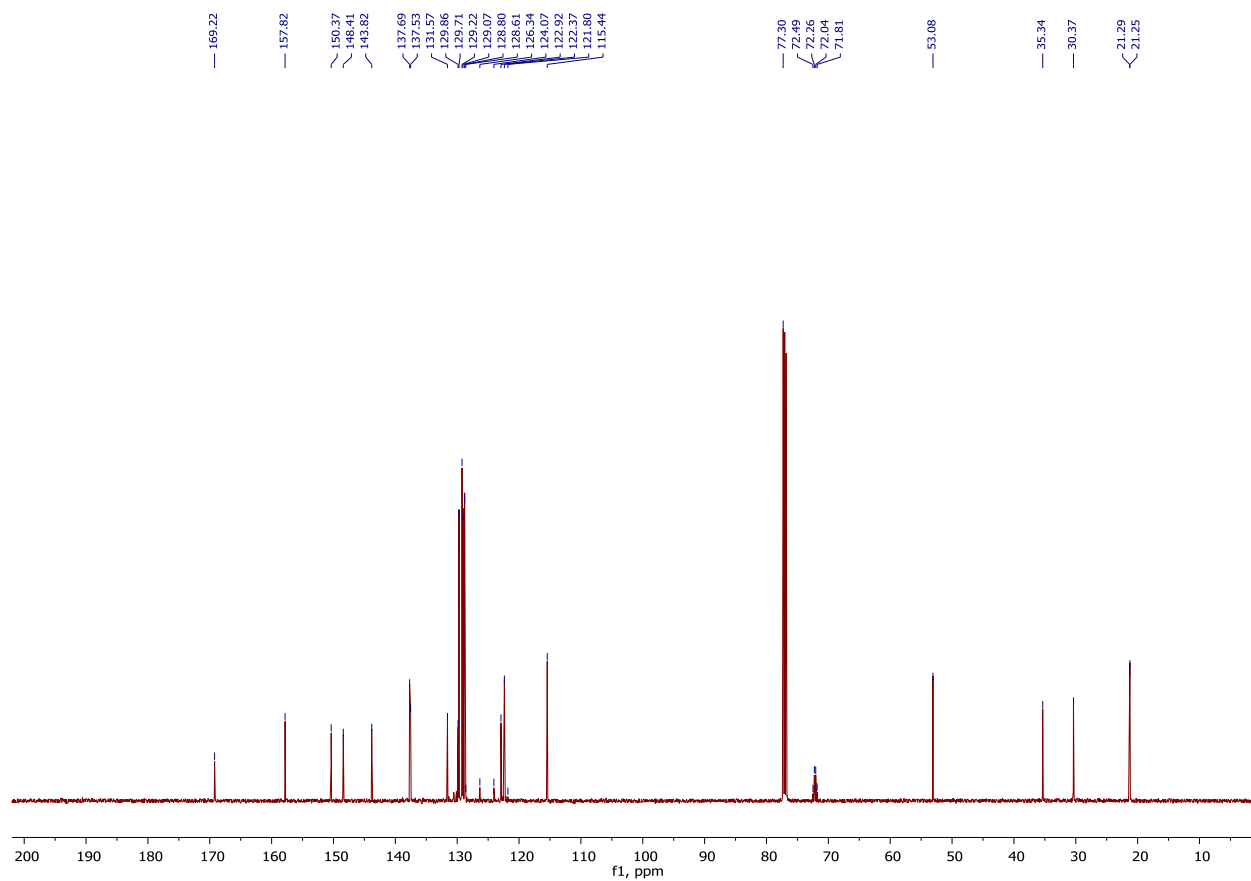
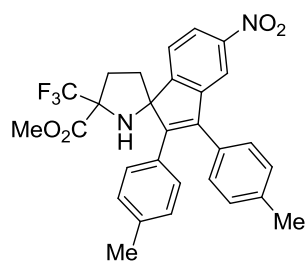
^{13}C spectrum of **4k** in CDCl_3



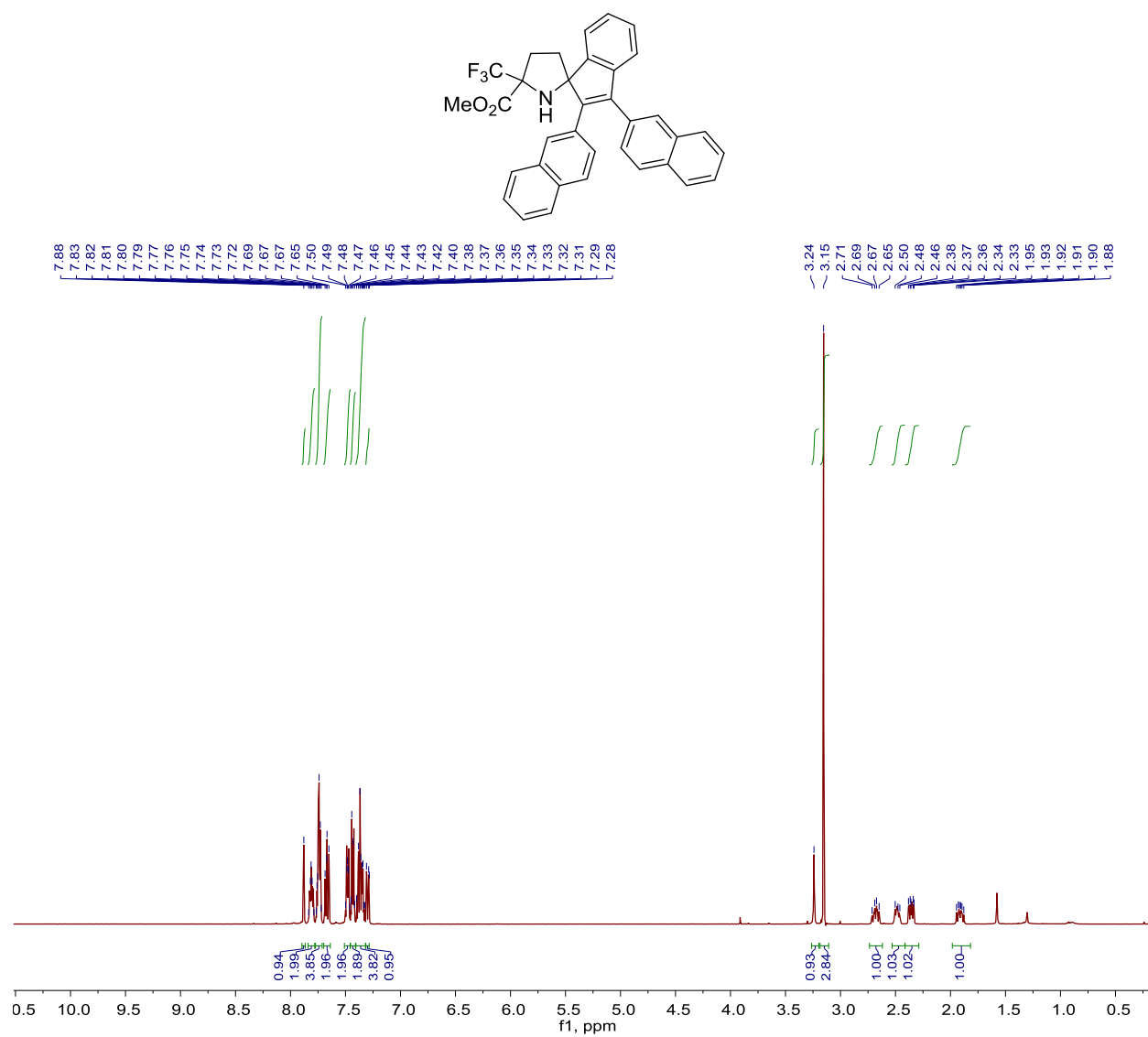
^1H spectrum of **4l** in CDCl_3



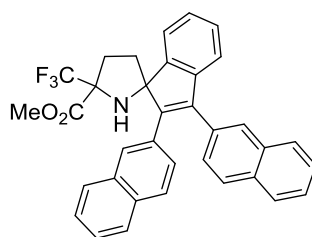
^{19}F spectrum of **4l** in CDCl_3



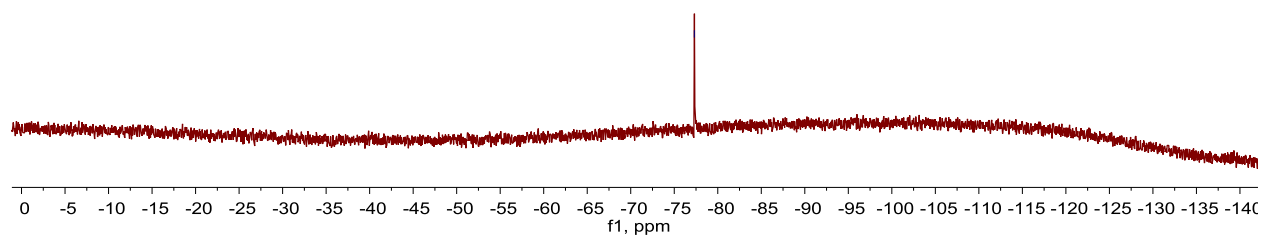
^{13}C spectrum of **4l** in CDCl_3



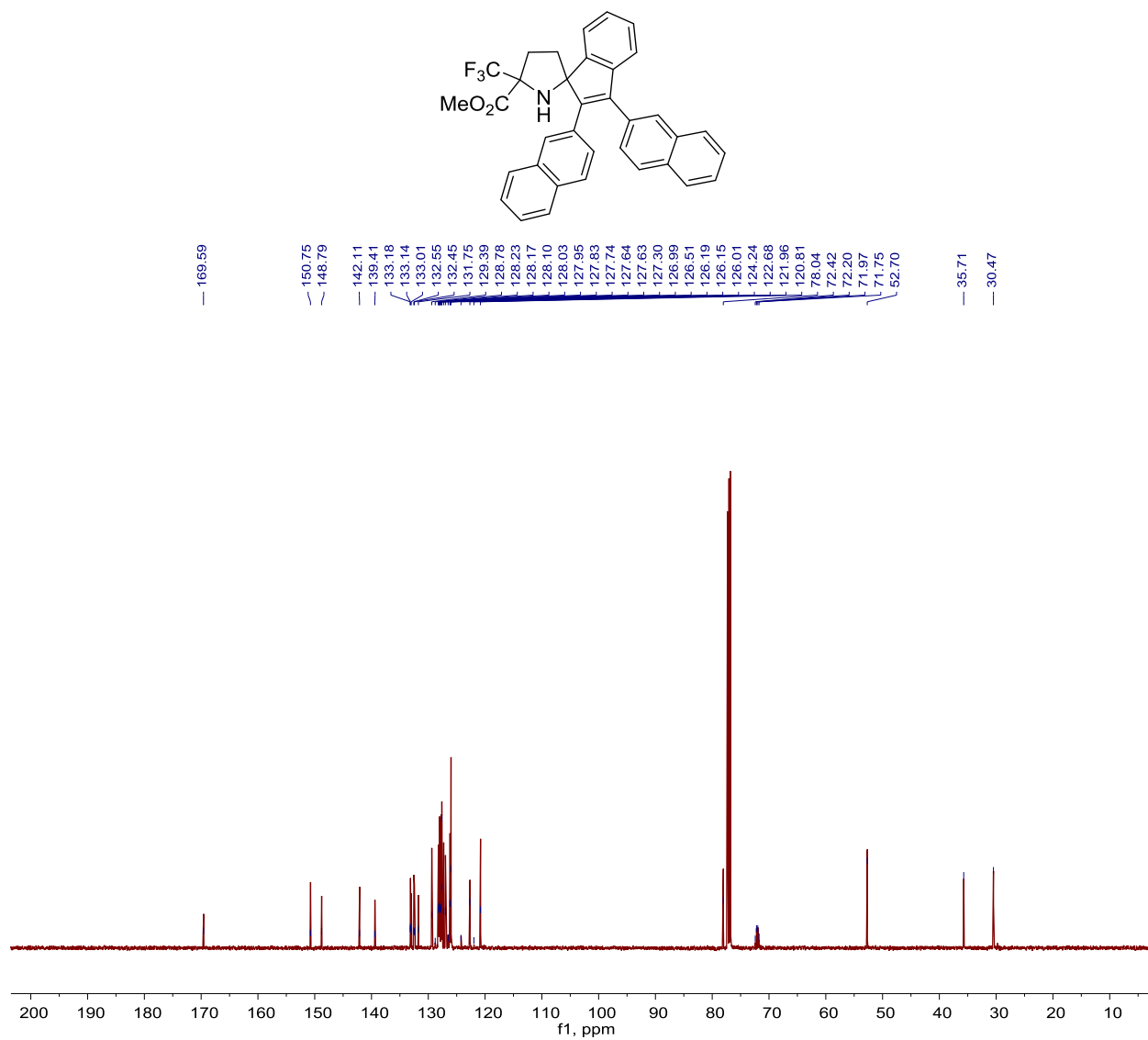
¹H spectrum of **4m** in CDCl₃



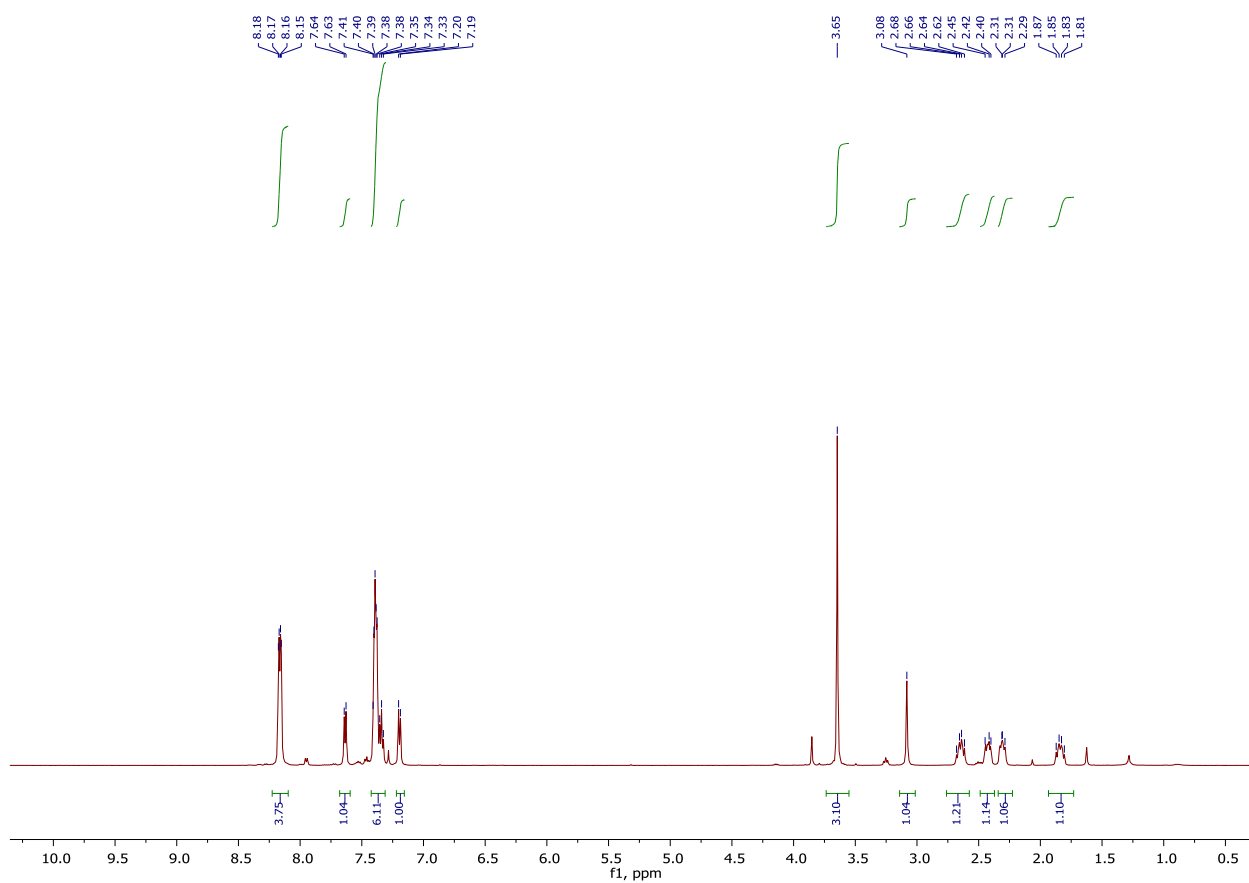
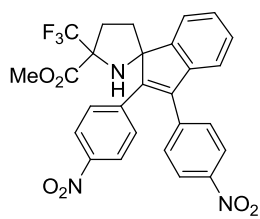
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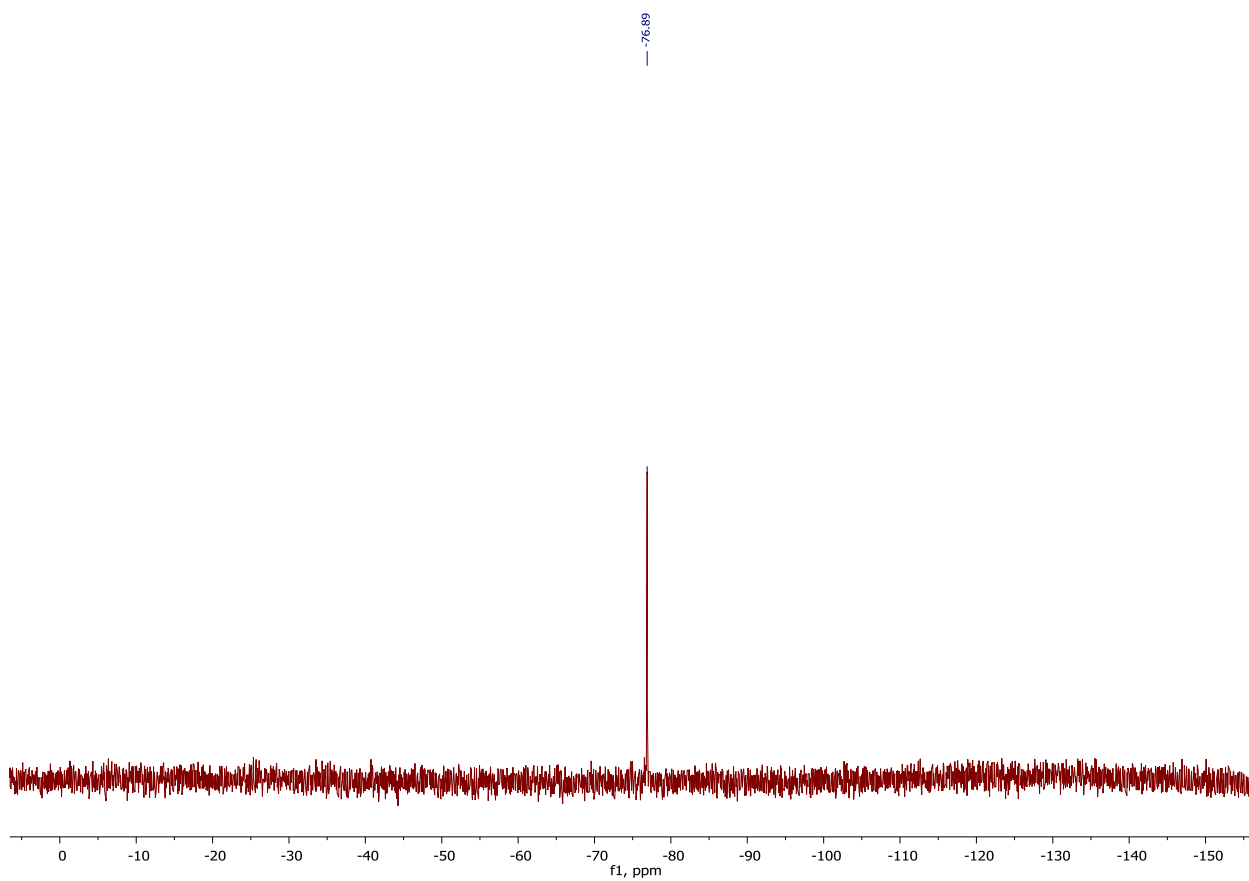
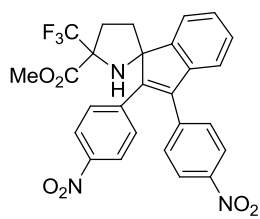
^{19}F spectrum of **4m** in CDCl_3



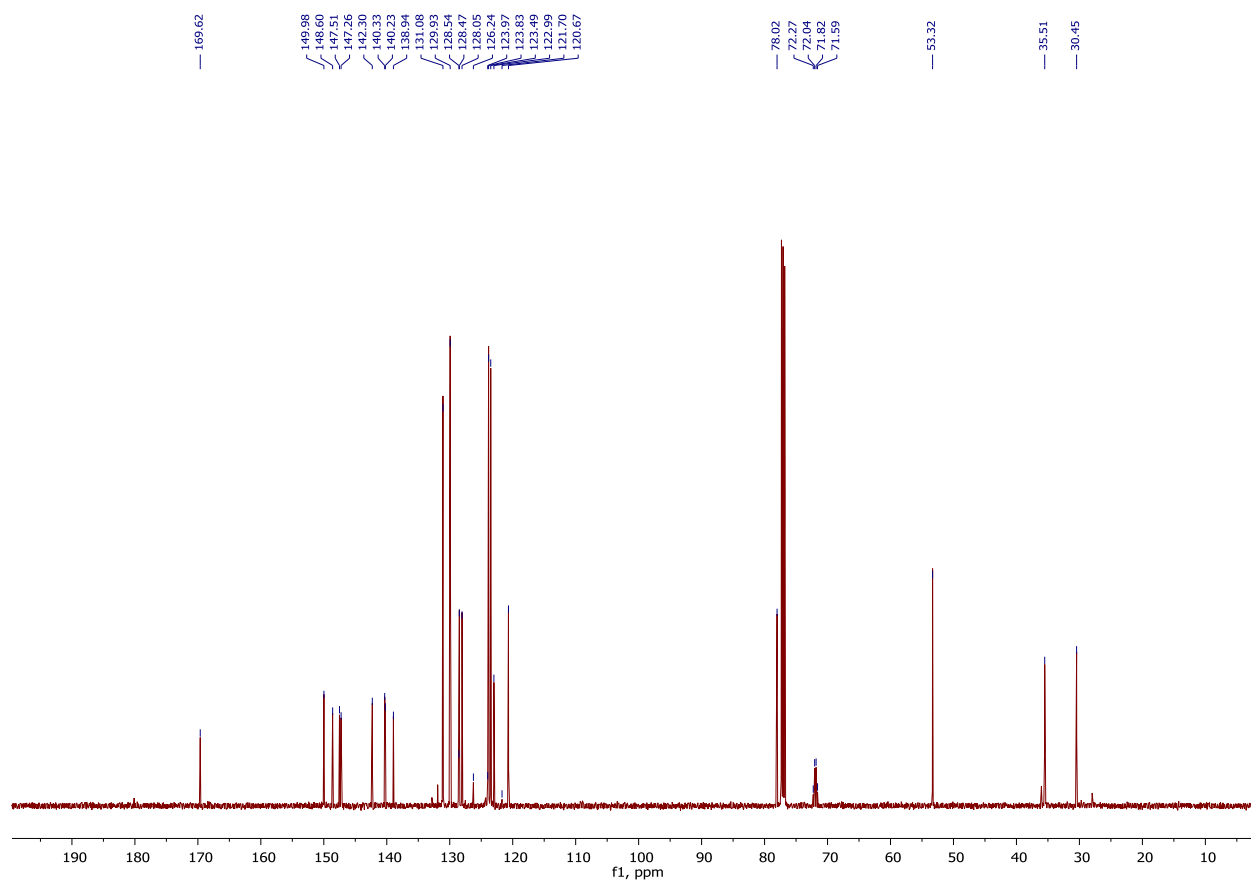
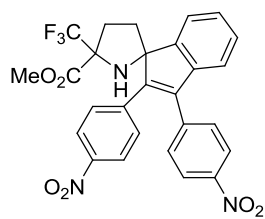
^{13}C spectrum of **4m** in CDCl_3



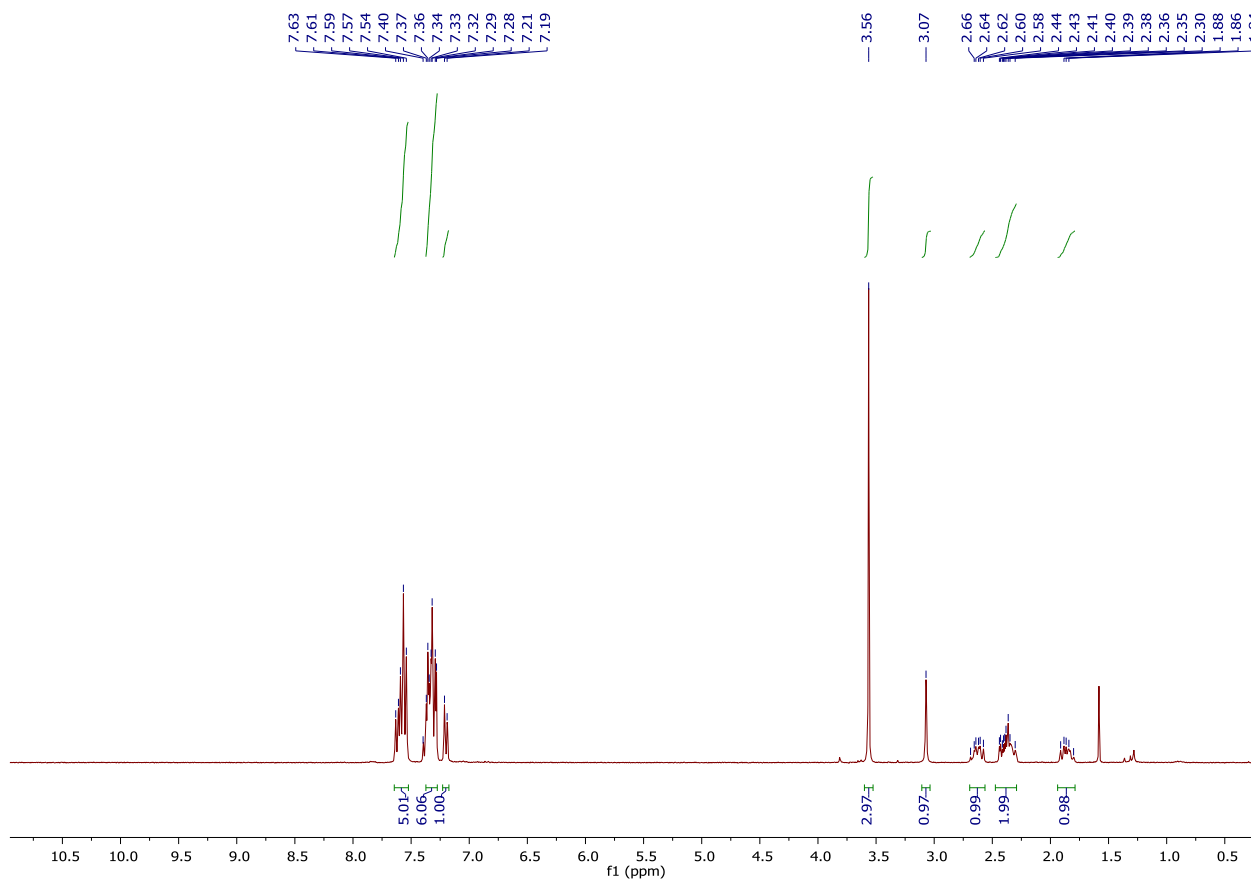
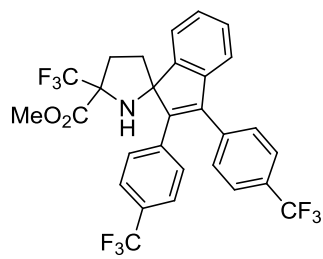
¹H spectrum of **4n** in CDCl₃



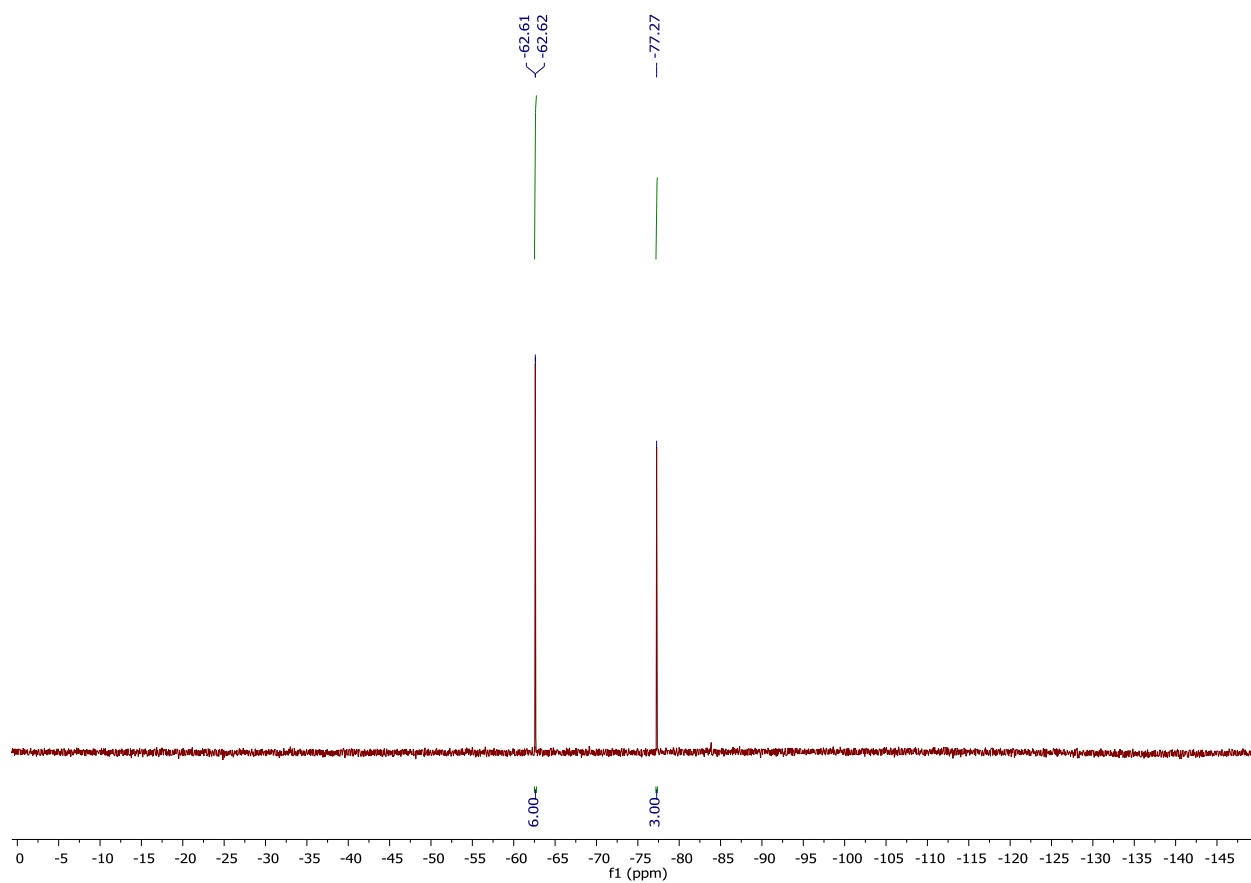
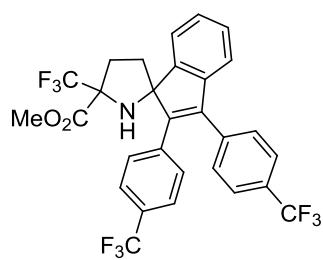
^{19}F spectrum of **4n** in CDCl_3



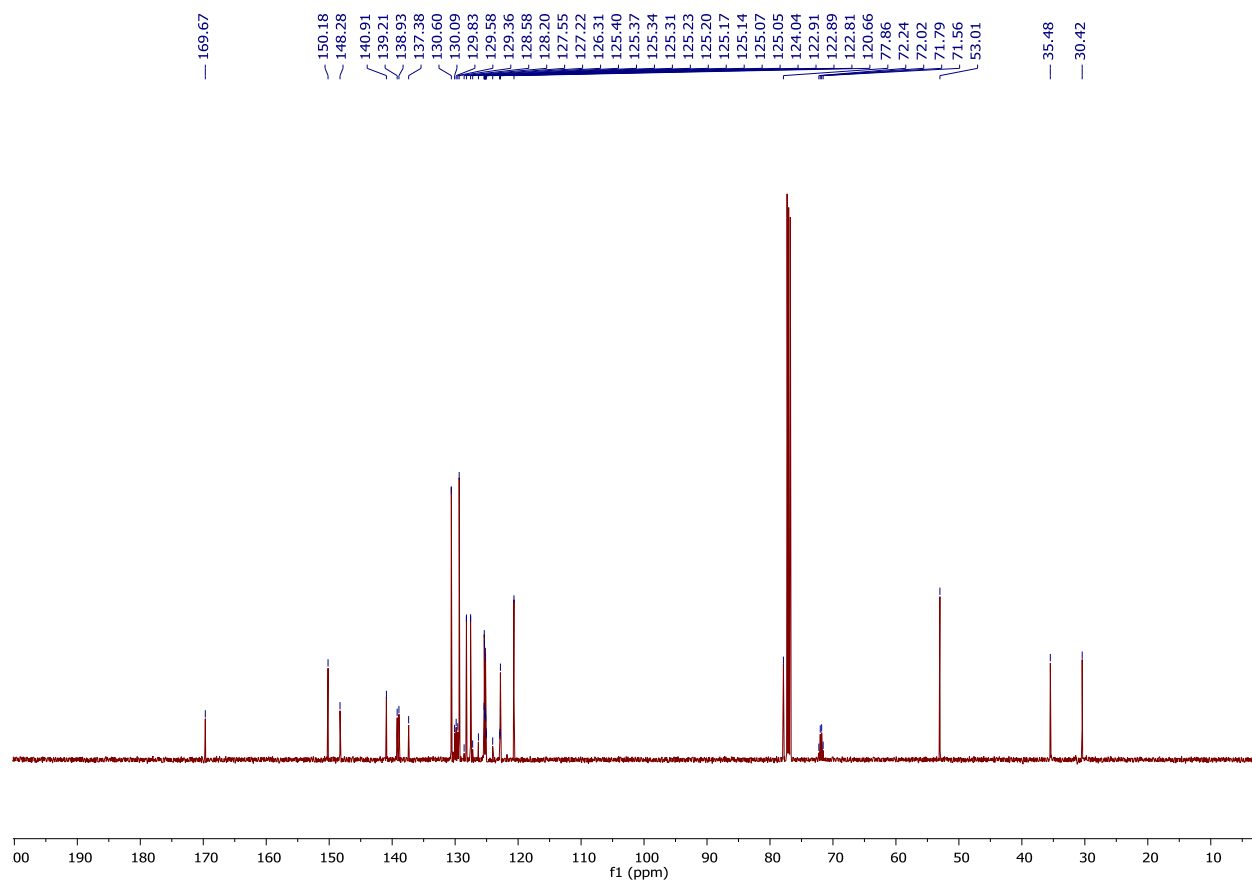
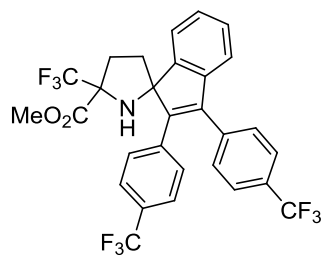
^{13}C spectrum of **4n** in CDCl_3



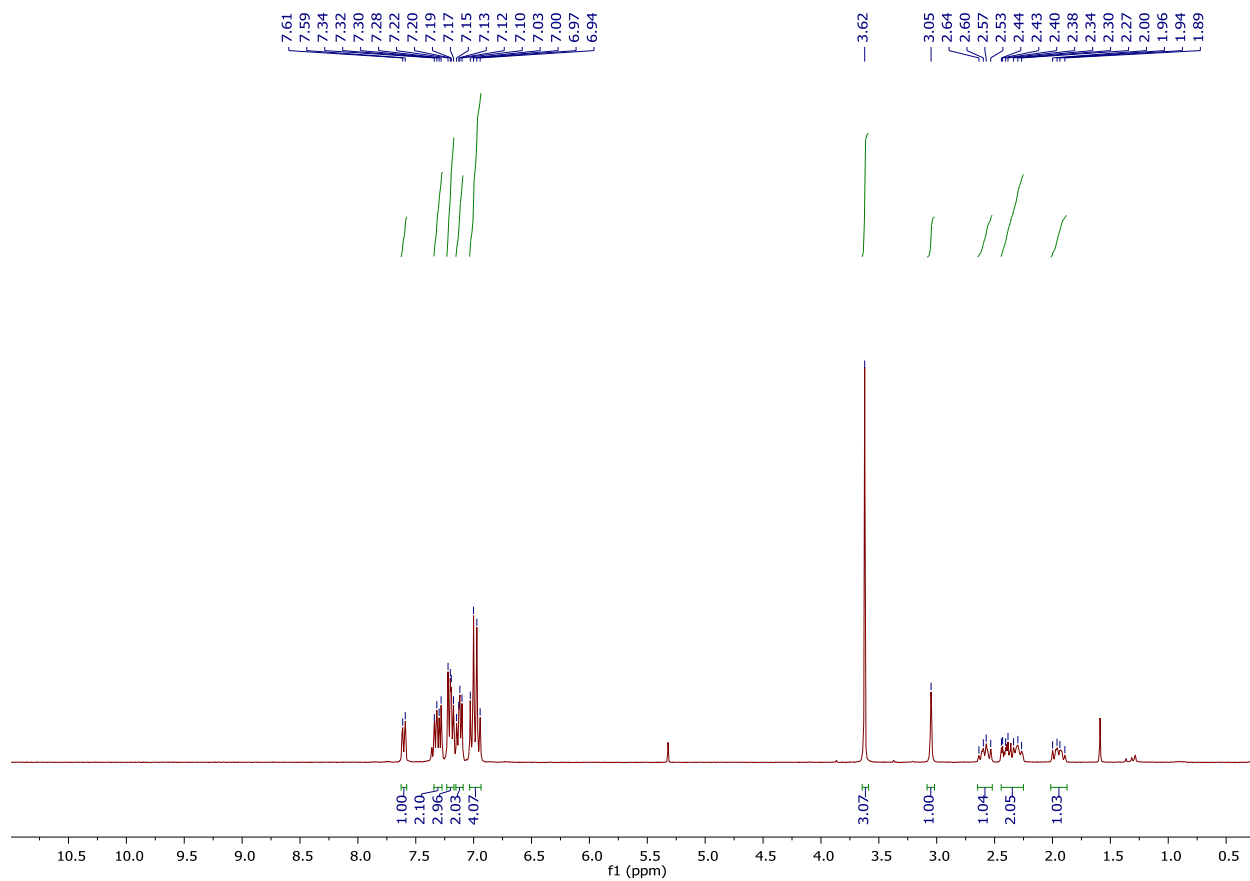
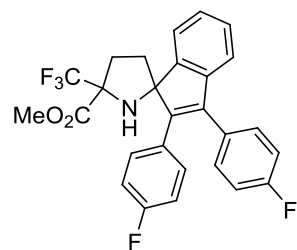
¹H spectrum of **4o** in CDCl₃



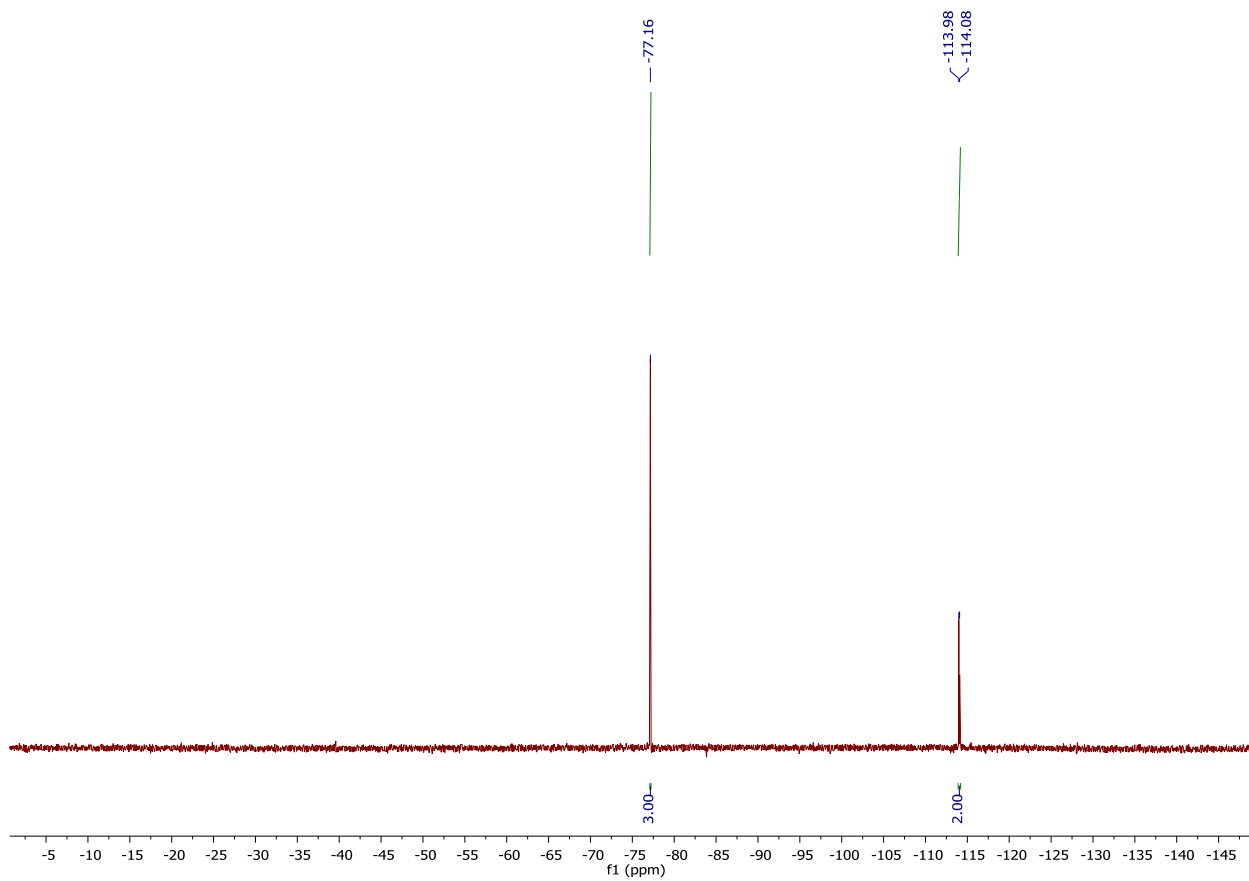
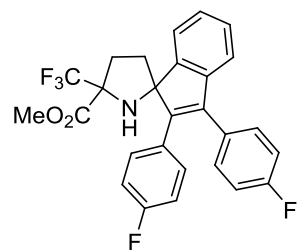
^{19}F spectrum of **4o** in CDCl_3



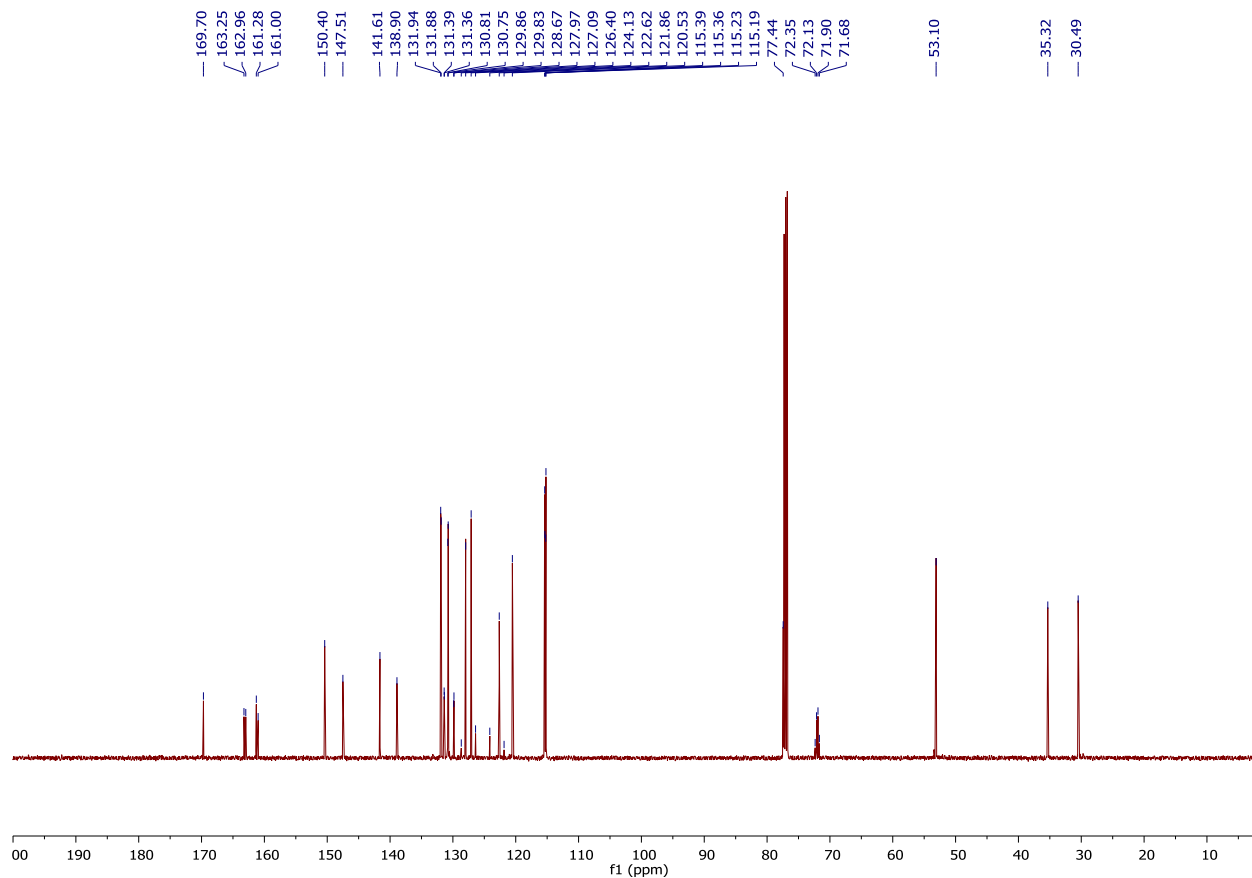
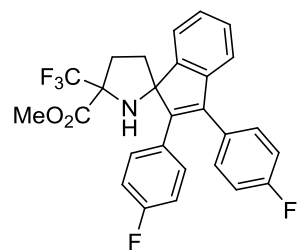
^{13}C spectrum of **4o** in CDCl_3



¹H spectrum of **4p** in CDCl₃



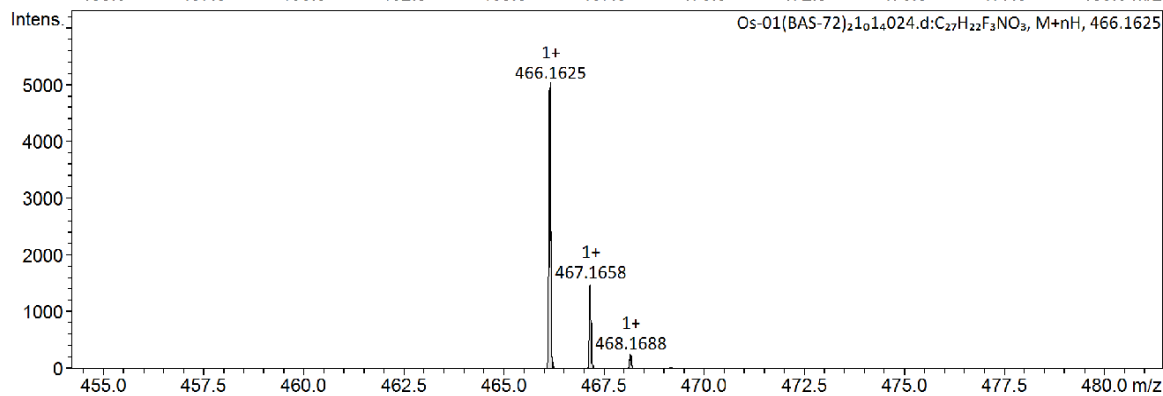
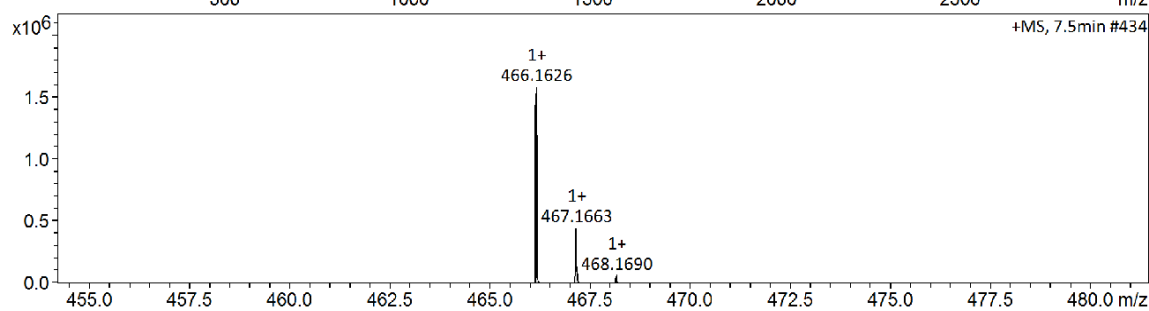
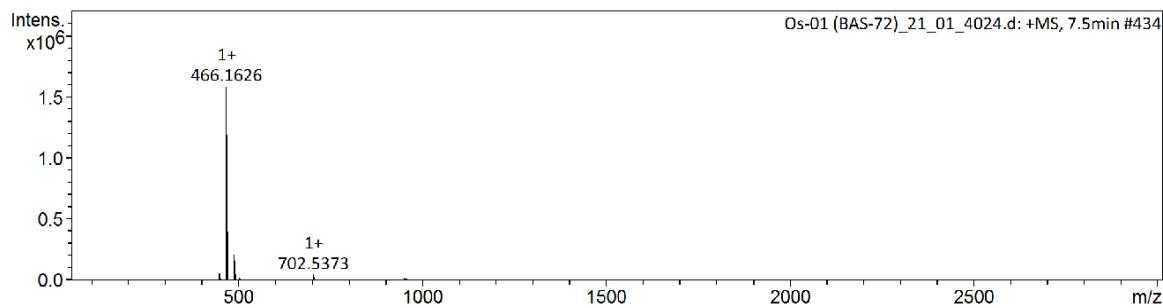
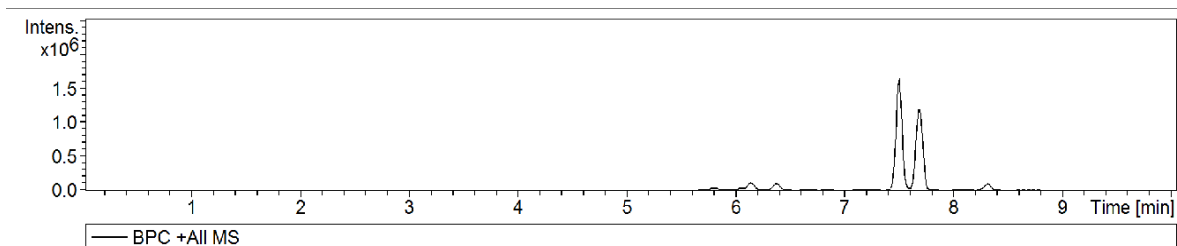
^{19}F spectrum of **4p** in CDCl_3



^{13}C spectrum of **4p** in CDCl_3

3. HPLC-HRMS data for 4a

High-resolution mass spectra were recorded on a Bruker Daltonics micrOTOF-Q II device (electrospray ionization). Measurements were carried out in positive ion mode under the following conditions: spray capillary voltage 4500 V; the mass scanning range m/z 50–3000 Da; external calibration (Electrospray Calibrant Solution, Fluka); nebulizer pressure 04 bar; flow rate $3 \mu\text{l} \cdot \text{min}^{-1}$; nebulizer gas—nitrogen ($6.0 \text{ l} \cdot \text{min}^{-1}$); and interface temperature 180°C . Samples were injected into the spray chamber of the mass spectrometer from an Agilent 1260 liquid chromatograph equipped with an Agilent Poroshell 120 EC-C18 column ($3.0 \times 50 \text{ mm}$; $2.7 \mu\text{m}$); the flow rate was 0.2 ml min^{-1} ; the samples of compounds were loaded to an high-performance liquid chromatography (HPLC) chromatograph from acetonitrile solution and eluted in the following gradient of acetonitrile (A) in water: 0–6 min – 40%-85% A, 6–7.5 min – 85% A, 7.5–8 min – 85%-40% A, 8–10 min – 40% A.



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