**Supplementary Data**

**Synthesis of N, N-Bis([1,1'-Biphenyl]-4-ylmethyl)-4-Morpholinoaniline Derivatives via SMC Reaction: Assessing Their Anti-Seizure Potential through Electroencephalogram Evaluation and Molecular Docking Studies**

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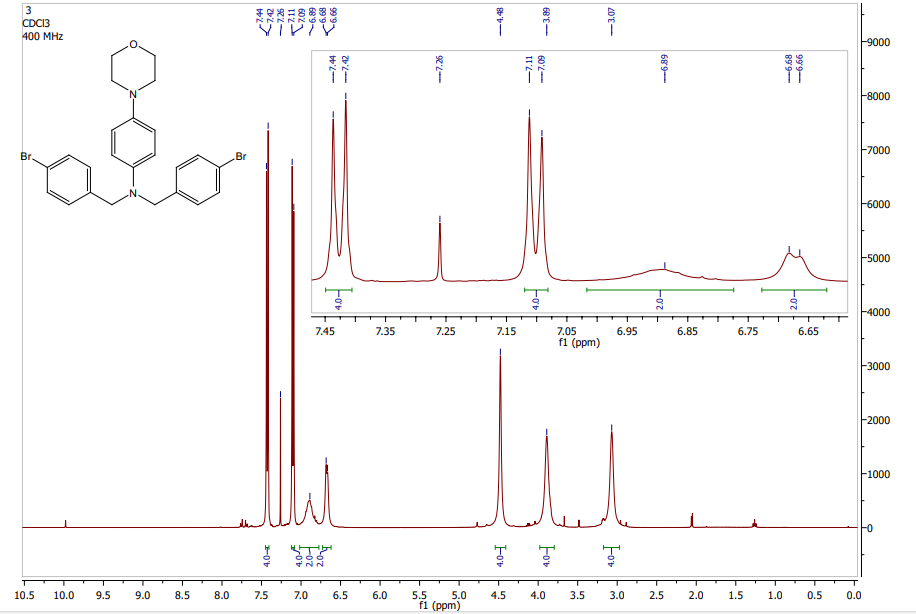
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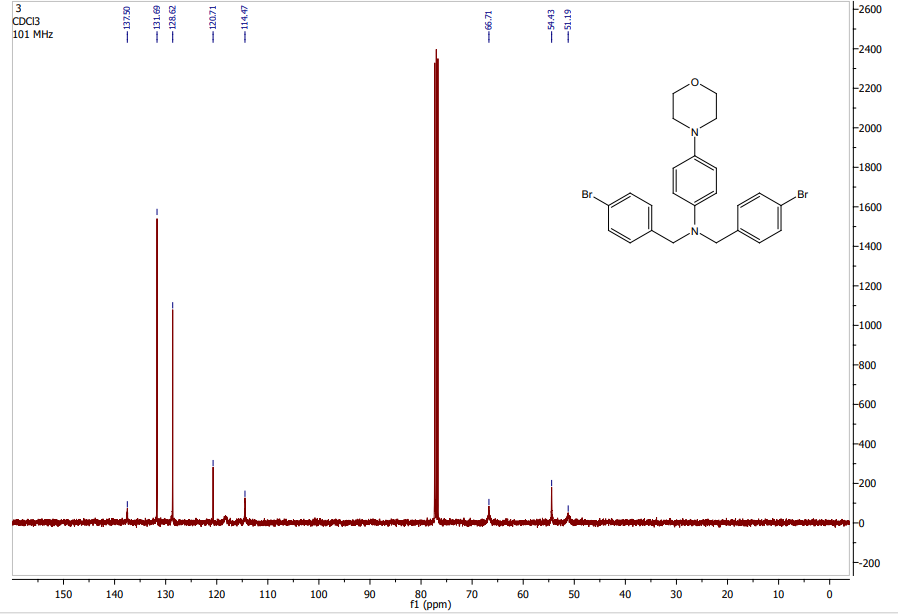
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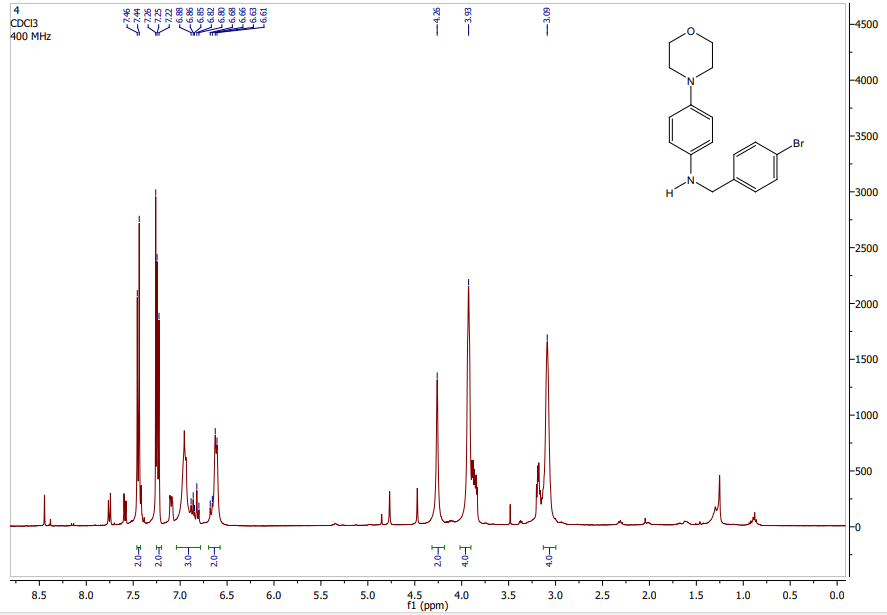
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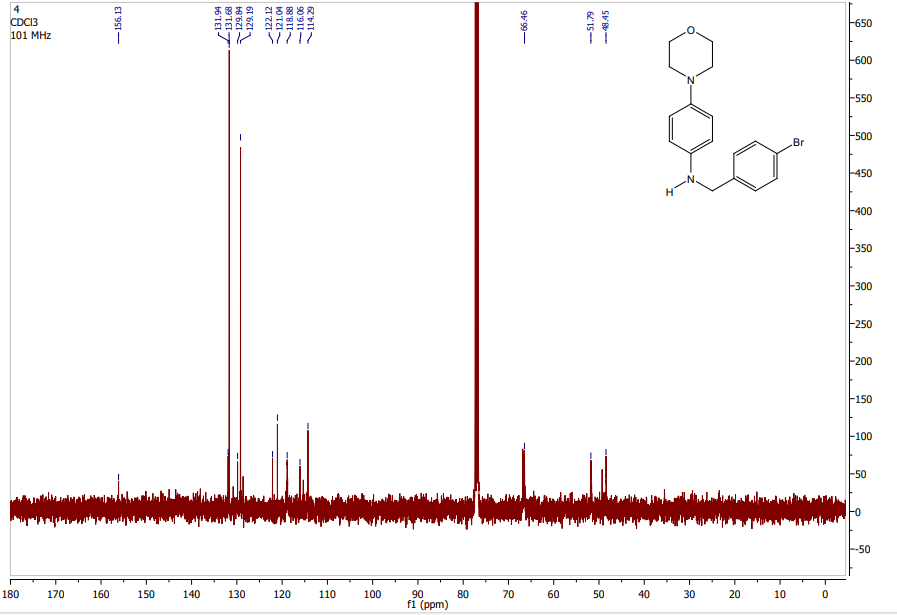
**Figure S1:** 1H NMR spectrum of compound **3**



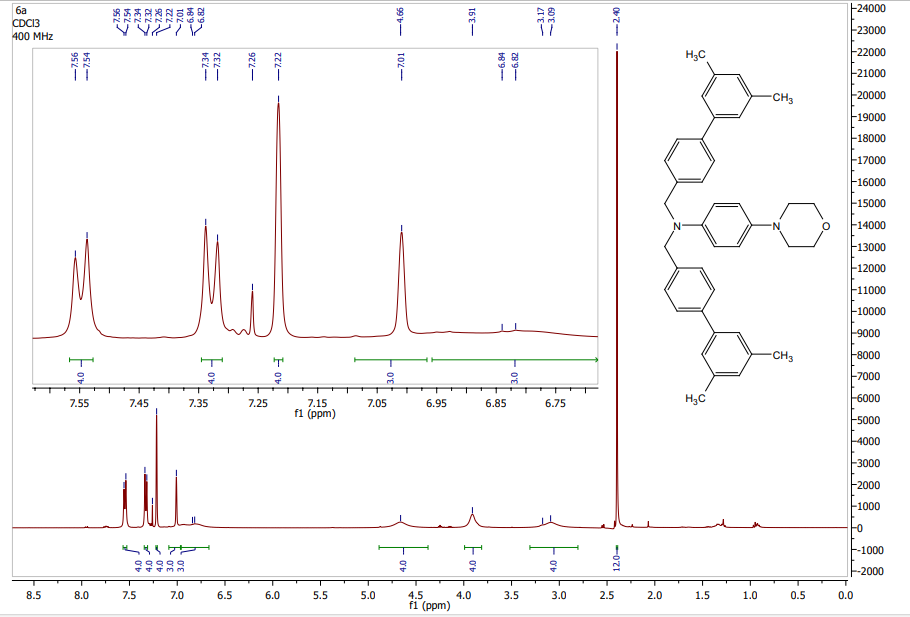
**Figure S2:**  13C NMR spectrum of compound **3**

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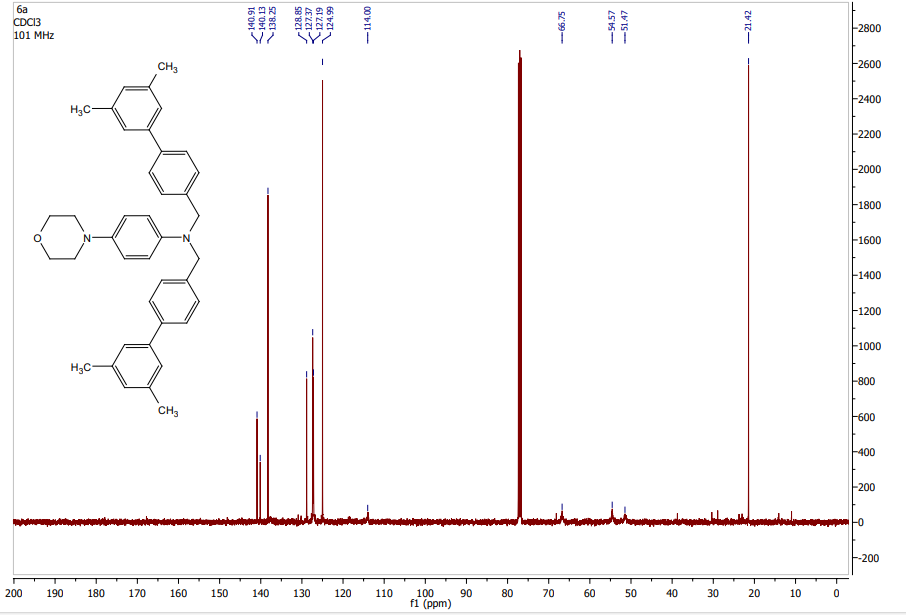
**Figure S3:** 1H NMR spectrum of compound **4**



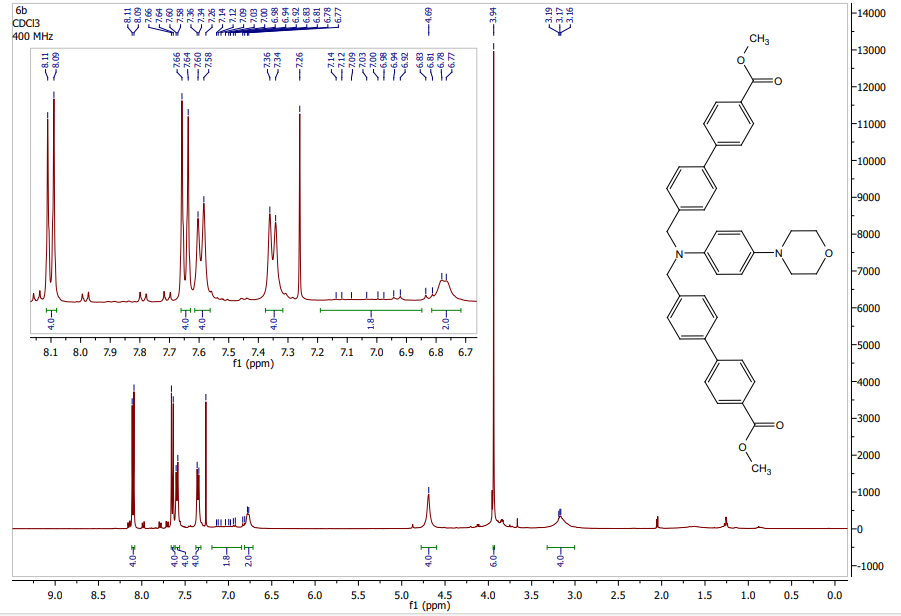
**Figure S4:**  13C NMR spectrum of compound **4**

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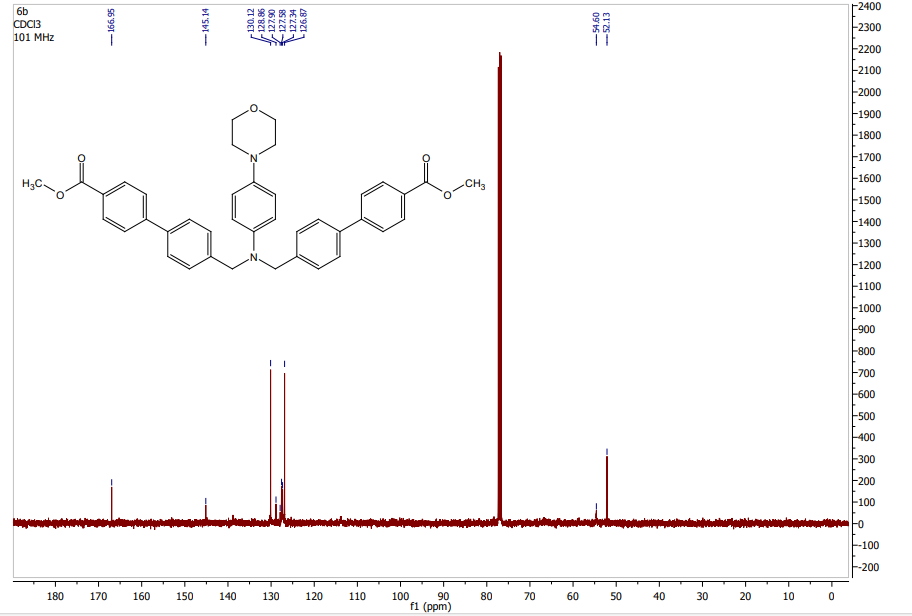
**Figure S5:** 1H NMR spectrum of compound **6a**

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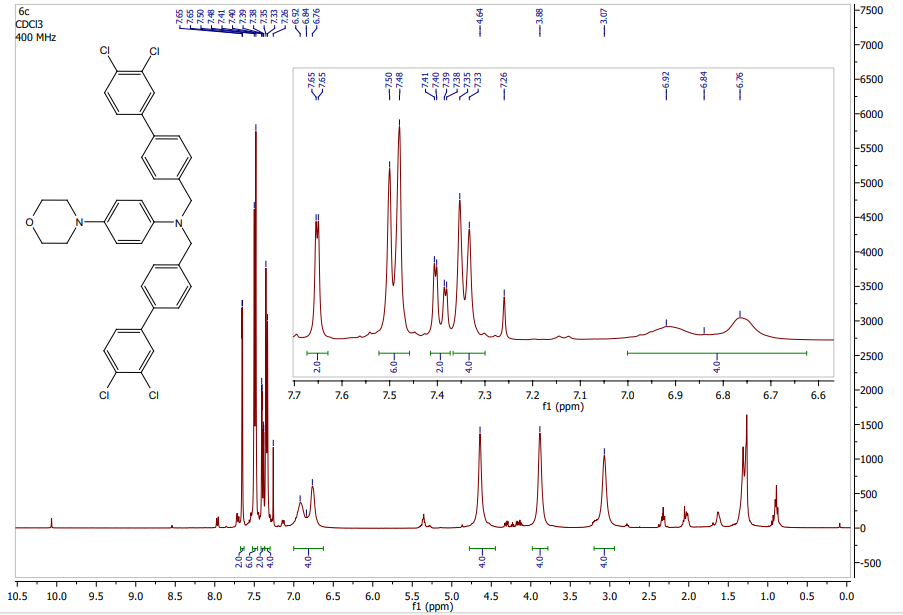
**Figure S6:**  13C NMR spectrum of compound **6a**

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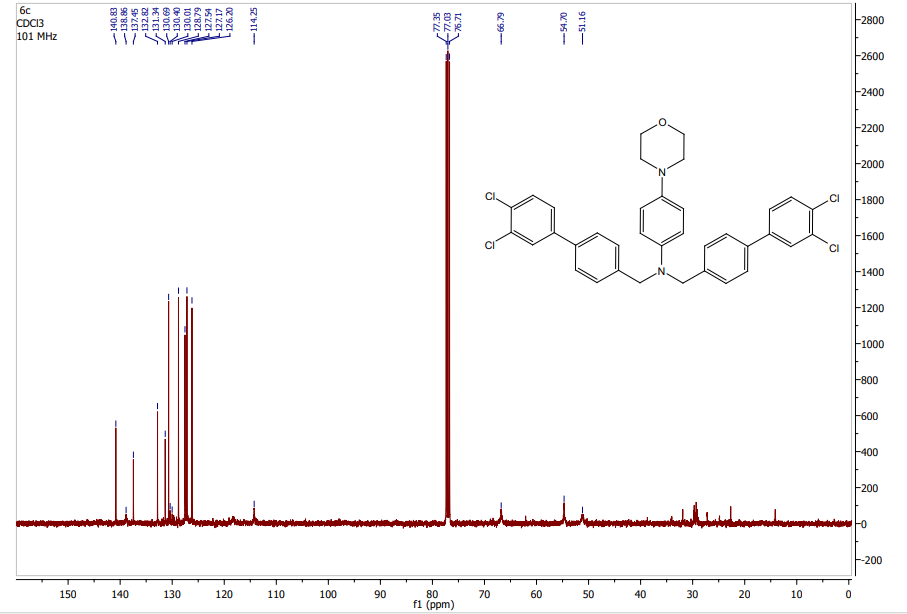
**Figure S7:** 1H NMR spectrum of compound **6b**

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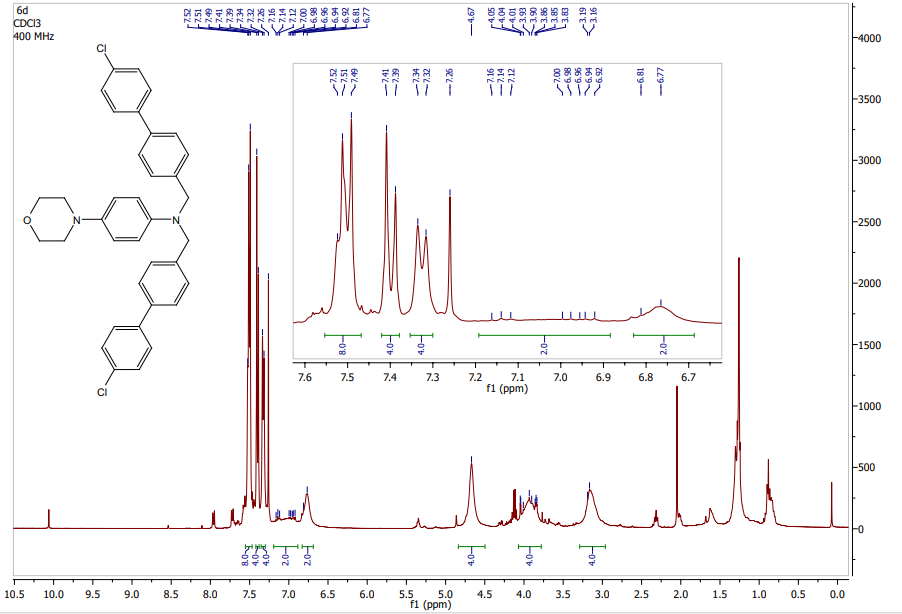
**Figure S8:**  13C NMR spectrum of compound **6b**

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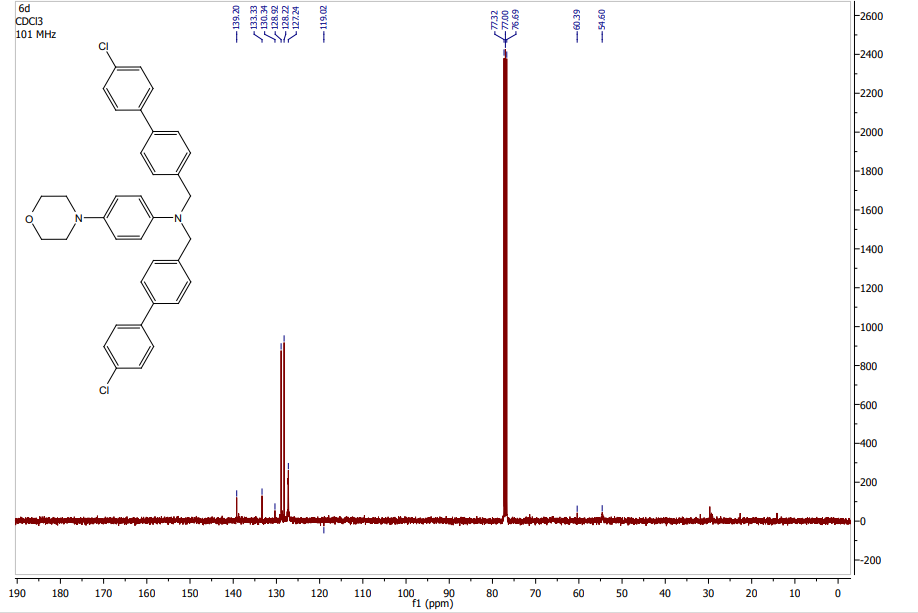
**Figure S9:** 1H NMR spectrum of compound **6c**



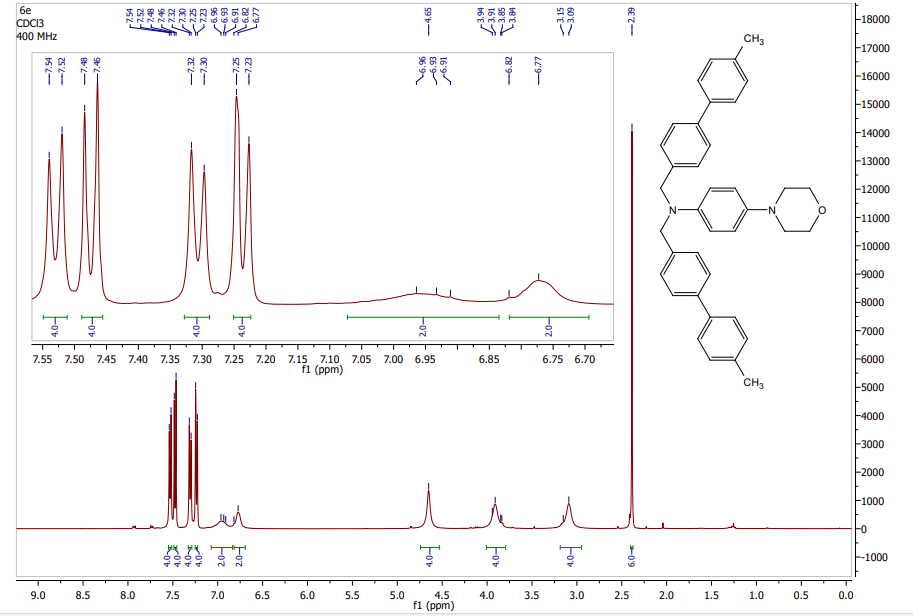
**Figure S10:**  13C NMR spectrum of compound **6c**



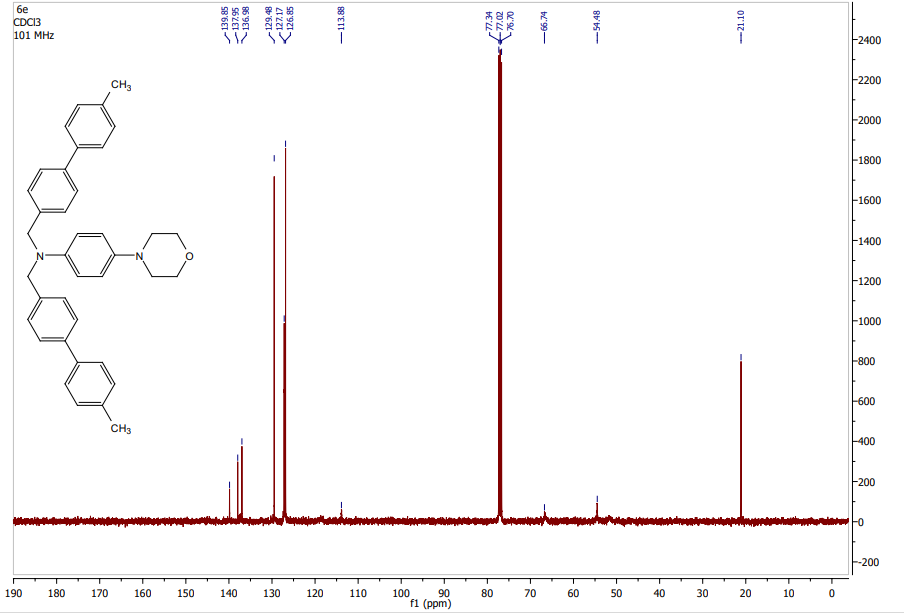
**Figure S11:** 1H NMR spectrum of compound **6d**

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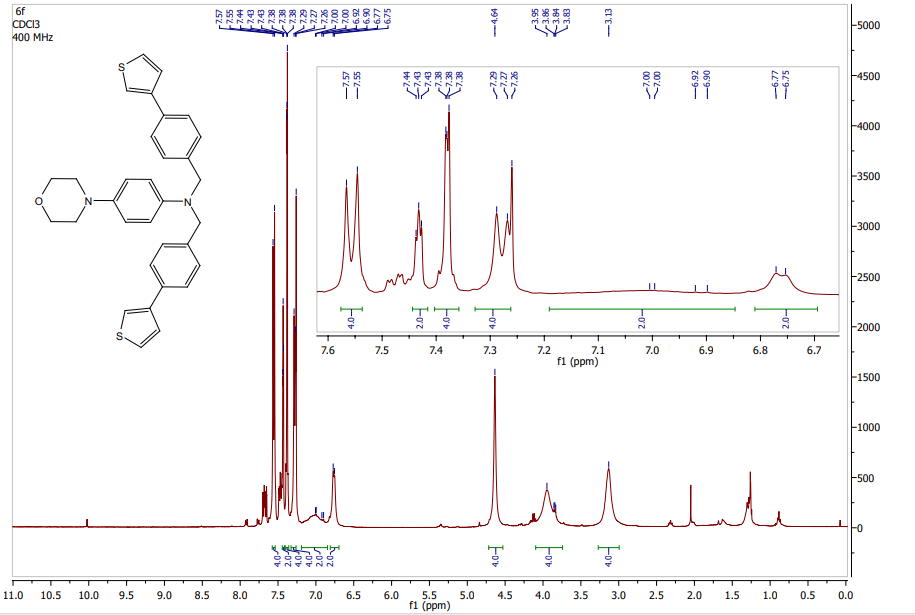
**Figure S12:** 13C NMR spectrum of compound **6d**

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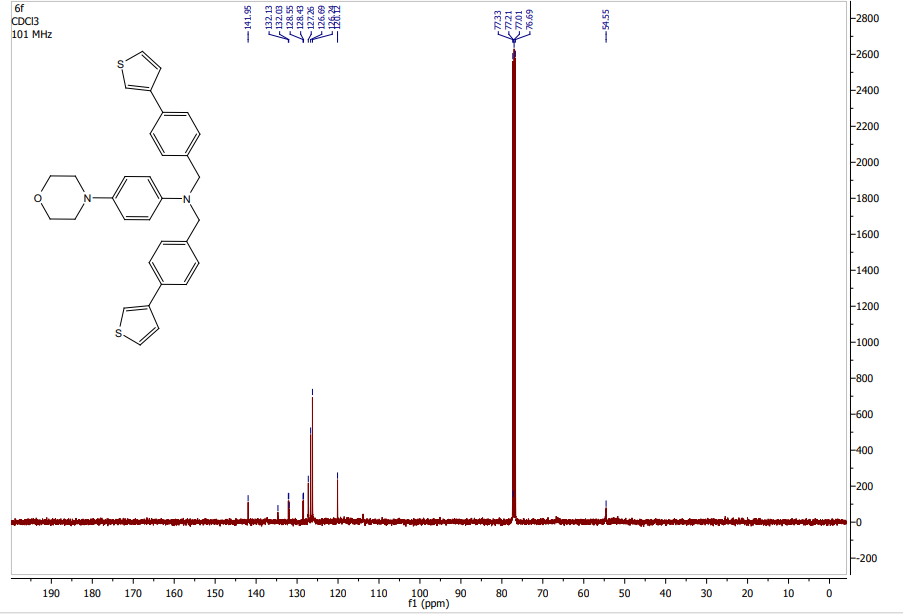
**Figure S13:** 1H NMR spectrum of compound **6e**

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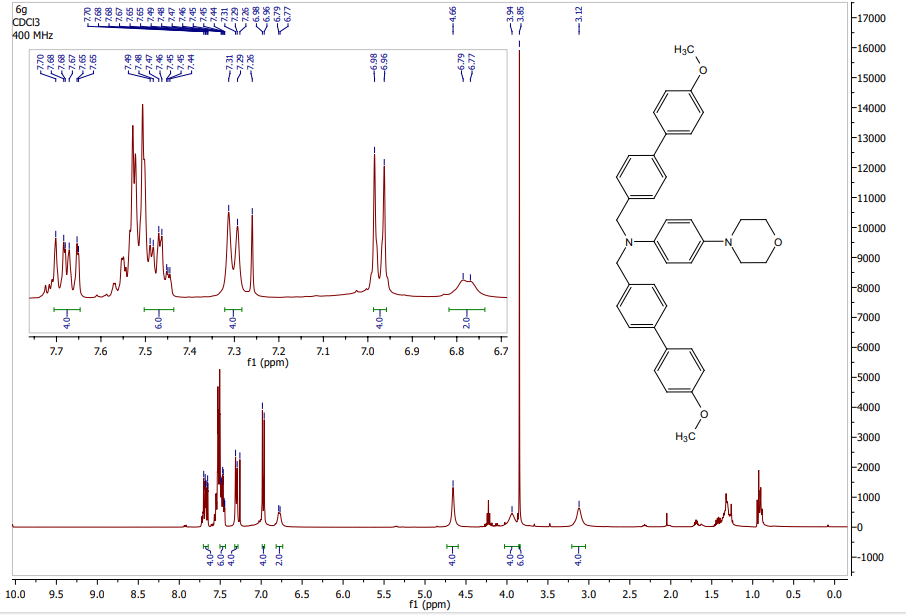
**Figure S14:** 13C NMR spectrum of compound **6e**

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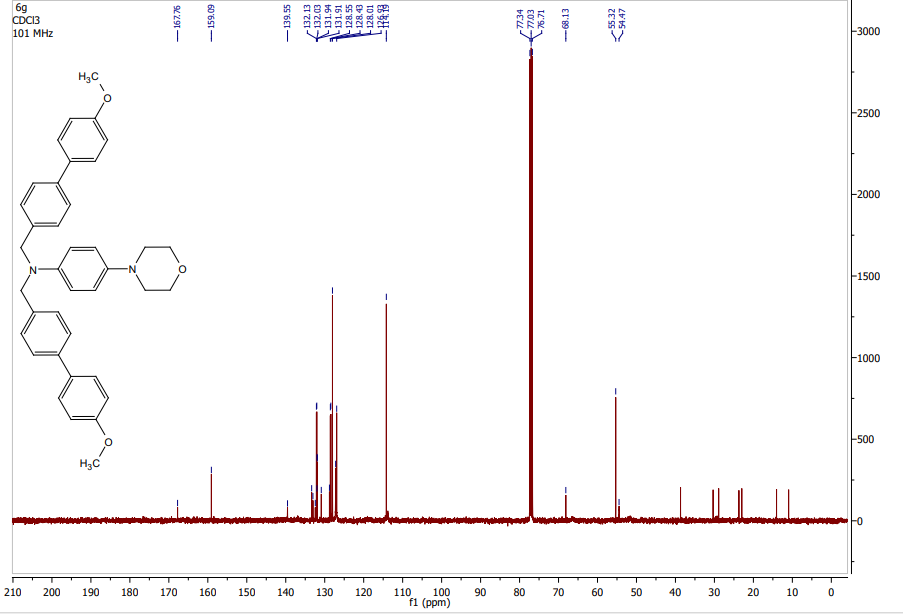
**Figure S15:** 1H NMR spectrum of compound **6f**



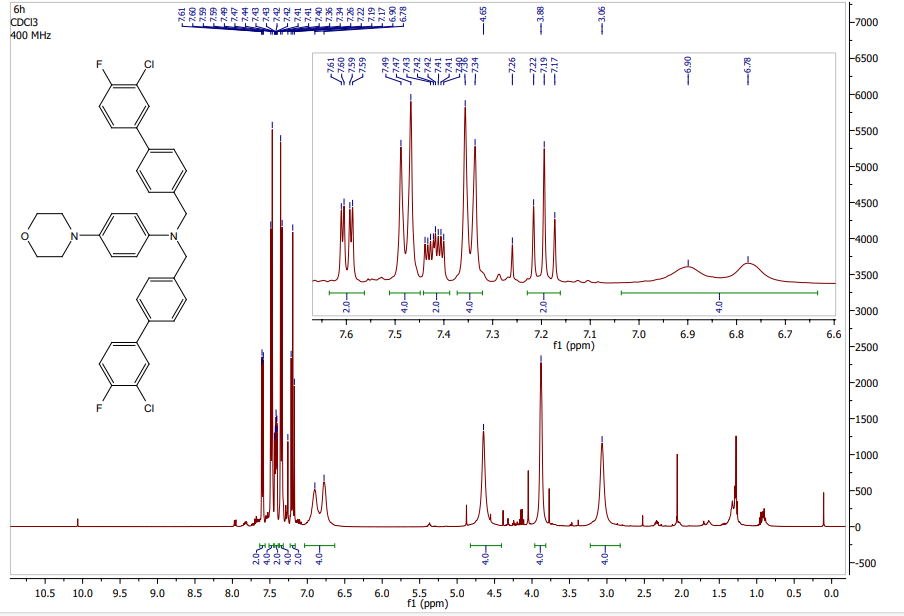
**Figure S16:** 13C NMR spectrum of compound **6f**

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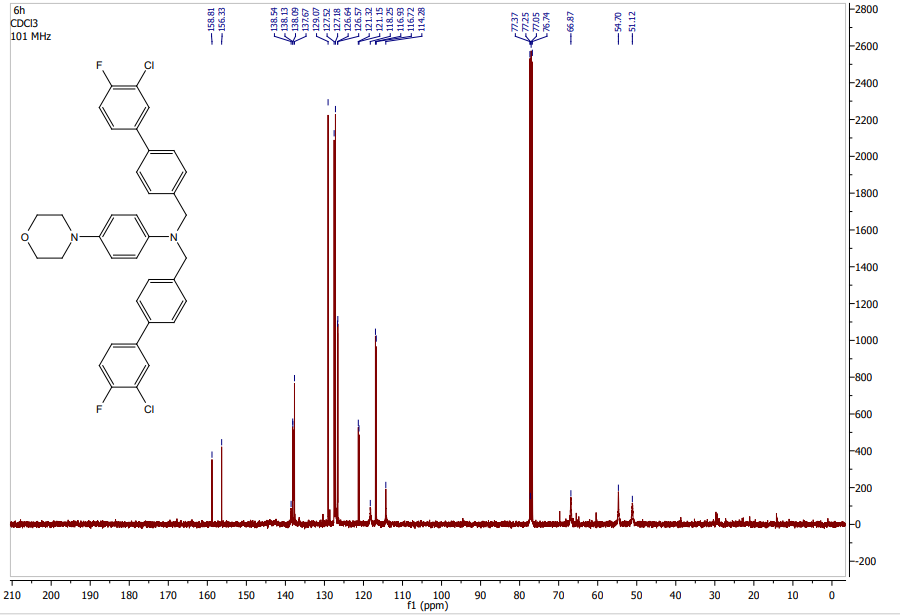
**Figure S17:** 1H NMR spectrum of compound **6g**

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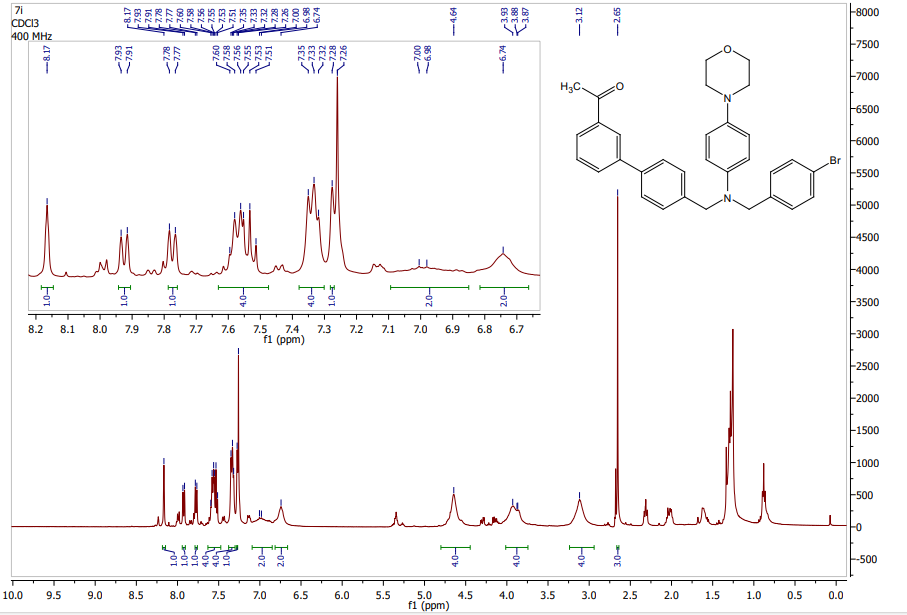
**Figure S18:** 13C NMR spectrum of compound **6g**

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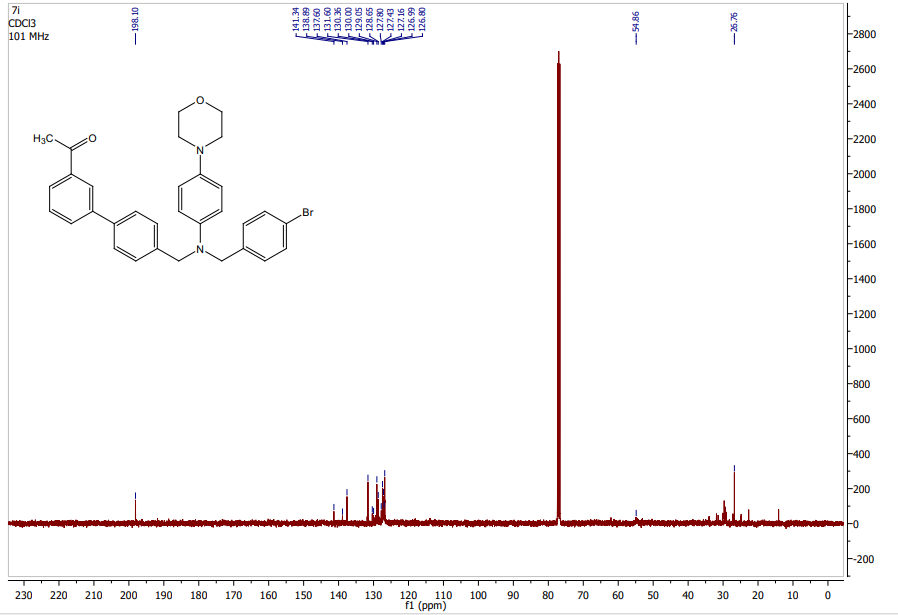
**Figure S19:** 1H NMR spectrum of compound **6h**

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**Figure S20:** 13C NMR spectrum of compound **6h**

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**Figure S21:** 1H NMR spectrum of compound **7i**

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**Figure S22:** 13C NMR spectrum of compound **7i**