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Supplementary Material

Nucleophilic aromatic substitution of bis(pentafluorophenyl)mercury with various bulky nucleophiles and the structures of $[\text{Hg}(\text{C}_6\text{F}_4\text{X}-4)_2]$ ($\text{X} = \textit{cyclo}\text{-C}_5\text{H}_{10}\text{N}$, $\text{OCH}(\text{CH}_3)_2$, $\text{OC}(\text{CH}_3)_3$)

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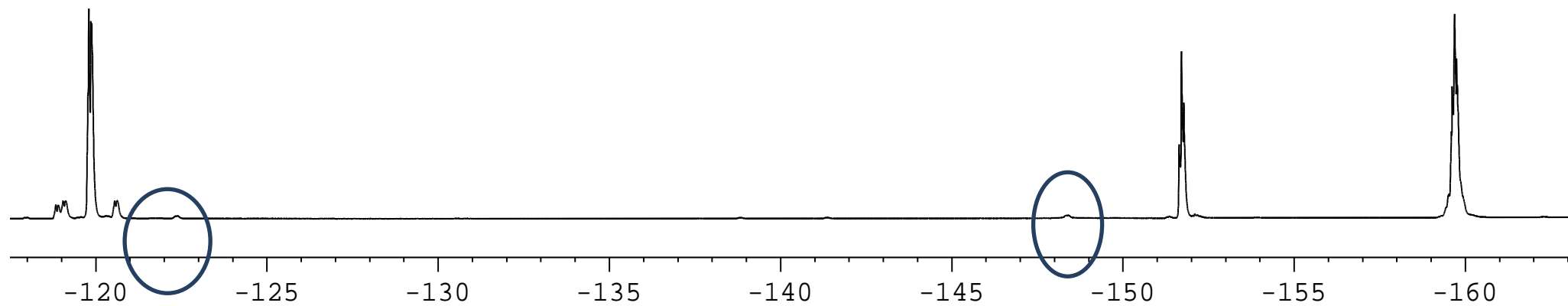
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Figure S1: A: $^{19}\text{F}\{^1\text{H}\}$ NMR of the first attempts at synthesising (1) using ethanol. **B:** $^{19}\text{F}\{^1\text{H}\}$ NMR of (1).

A:



B:

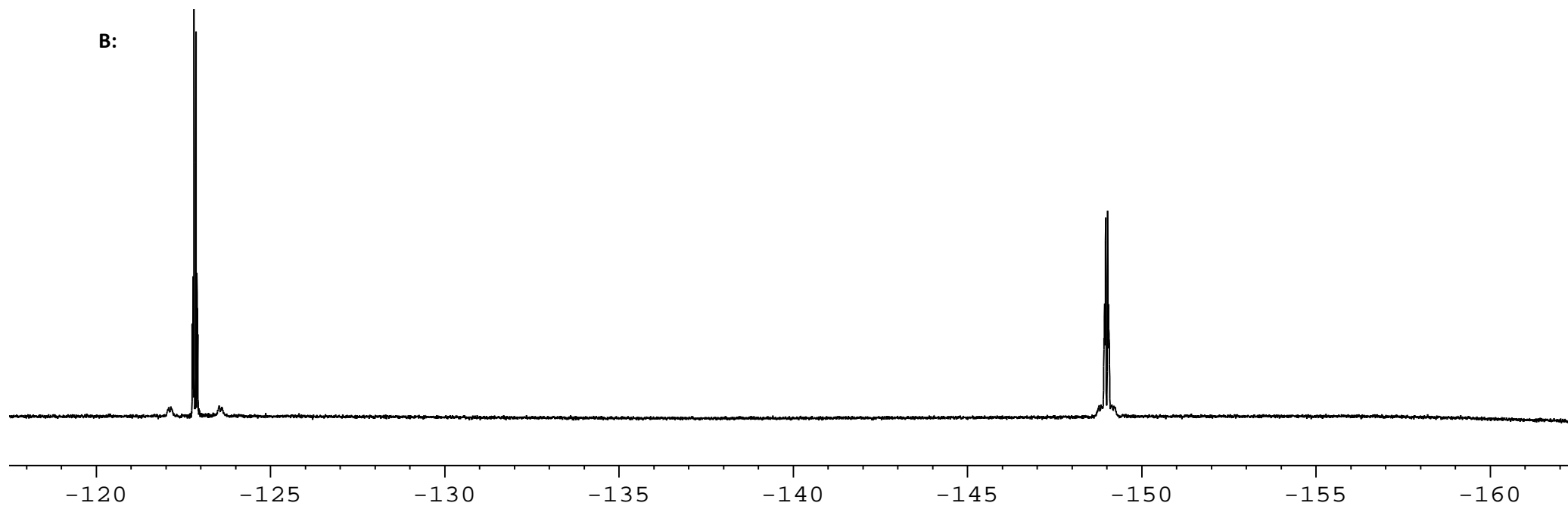


Figure S2: Crystal packing diagram of **(1)** highlighting the $\pi \cdots \pi$ interactions.

