

Electronic Supplementary Information for:

Organo-Palladium(II) Complexes Bearing Unsymmetrical *N,N,N*-Pincer Ligands; Synthesis, Structures and Oxidatively Induced Coupling Reactions

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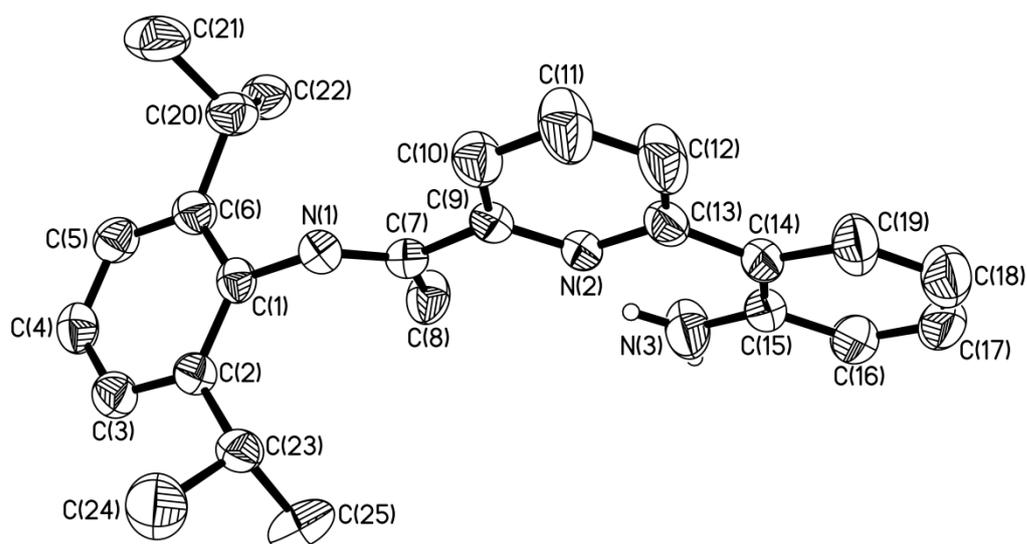


Figure S1. Molecular structure of **HL1b** with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms have been omitted for clarity.

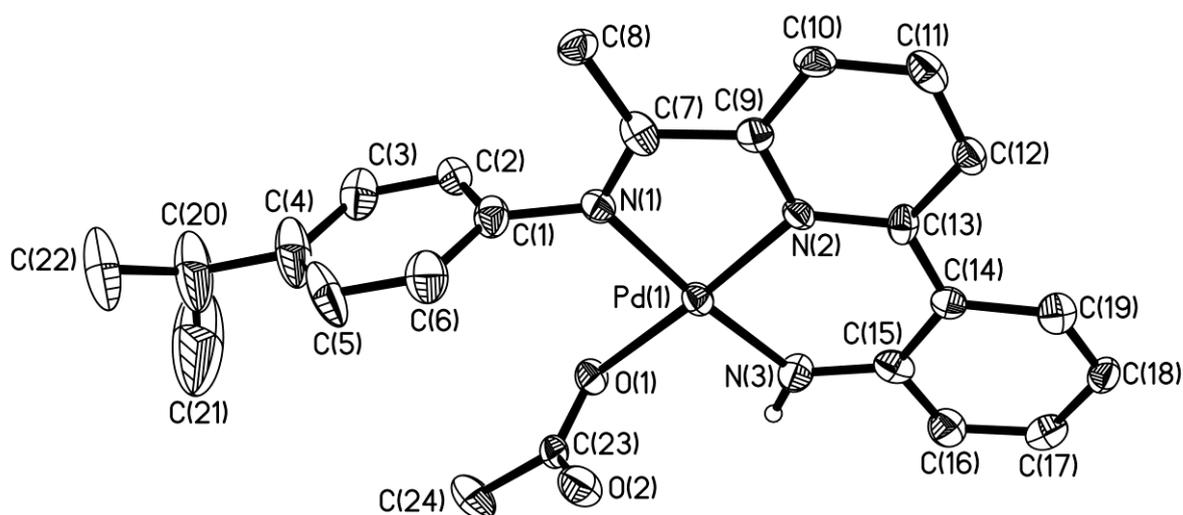


Figure S2. Molecular structure of **1a** with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms have been omitted for clarity.

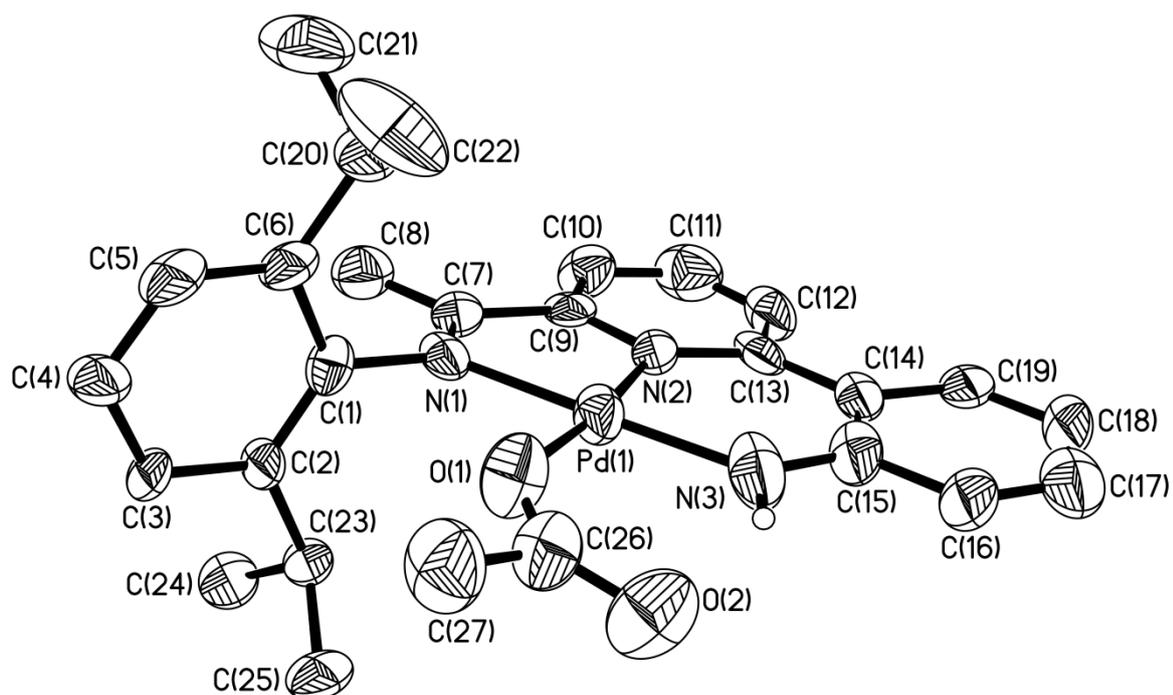


Figure S3. Molecular structure of **1b** (molecule A) with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms, apart from H3B, have been omitted for clarity.

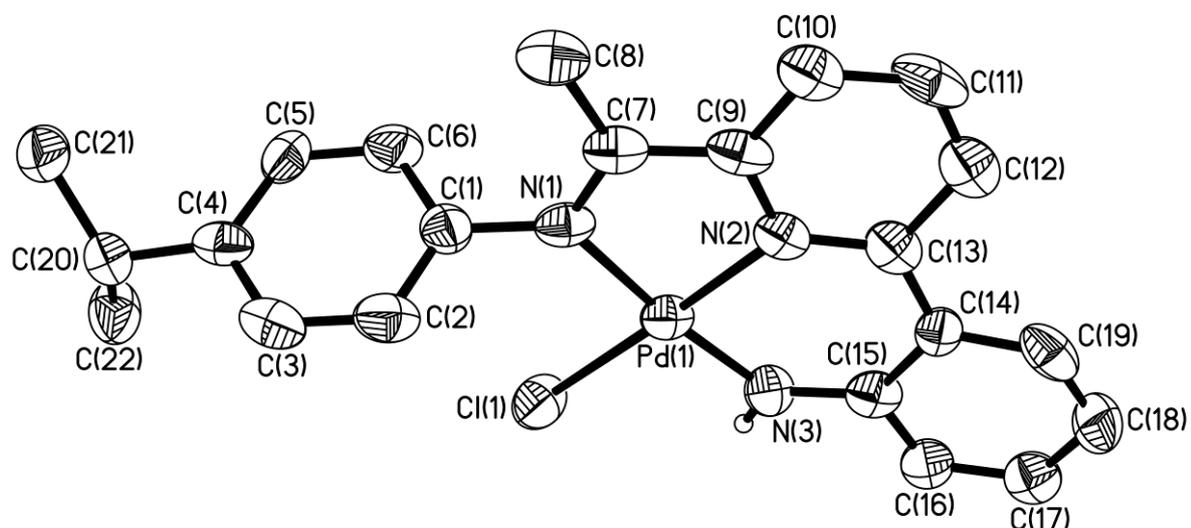


Figure S4. Molecular structure of **2a** (molecule A) with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms apart from H3A, have been omitted for clarity.

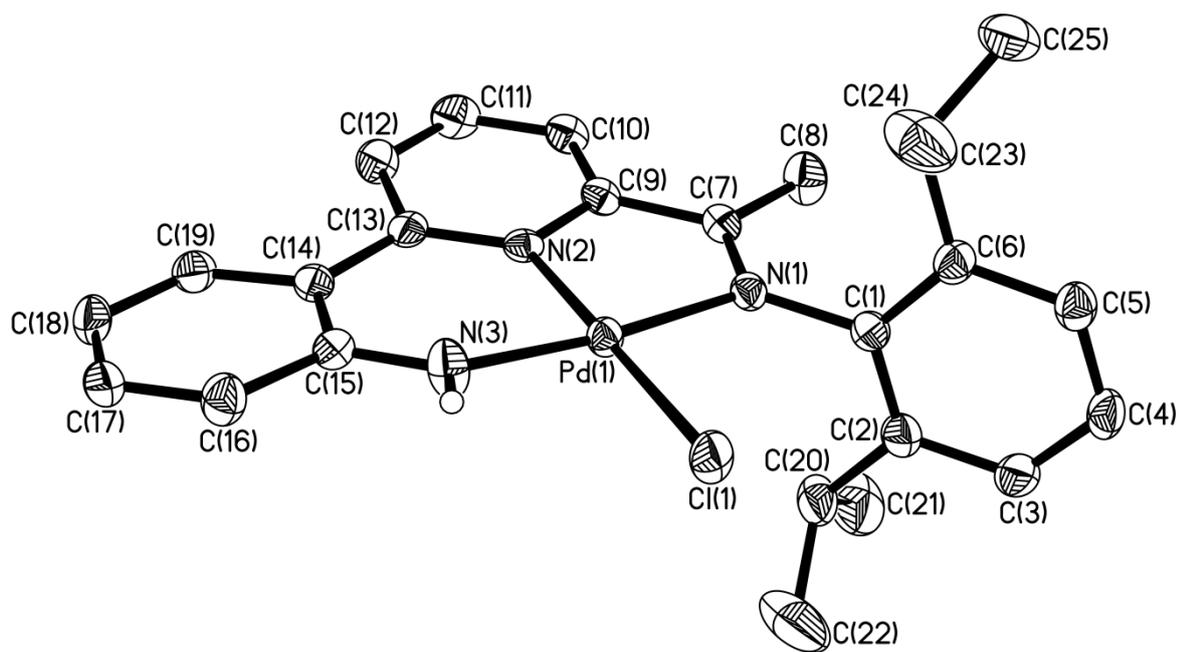


Figure S5. Molecular structure of **2b** with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms, apart from H3A, have been omitted for clarity.

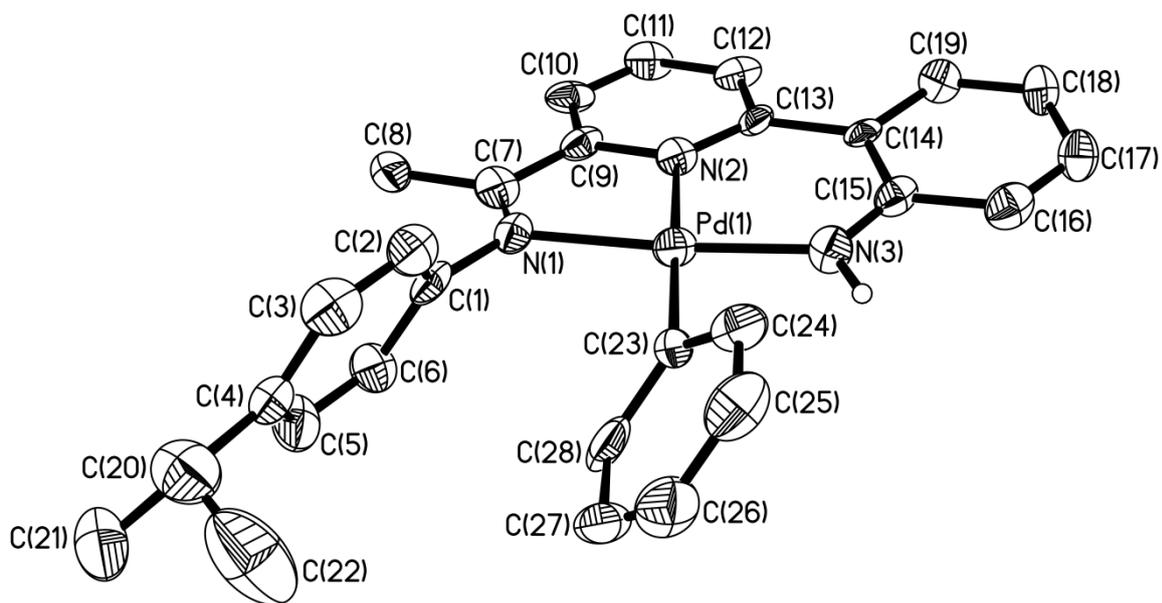


Figure S6. Molecular structure of **3a** with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms, apart from H3A, have been omitted for clarity.

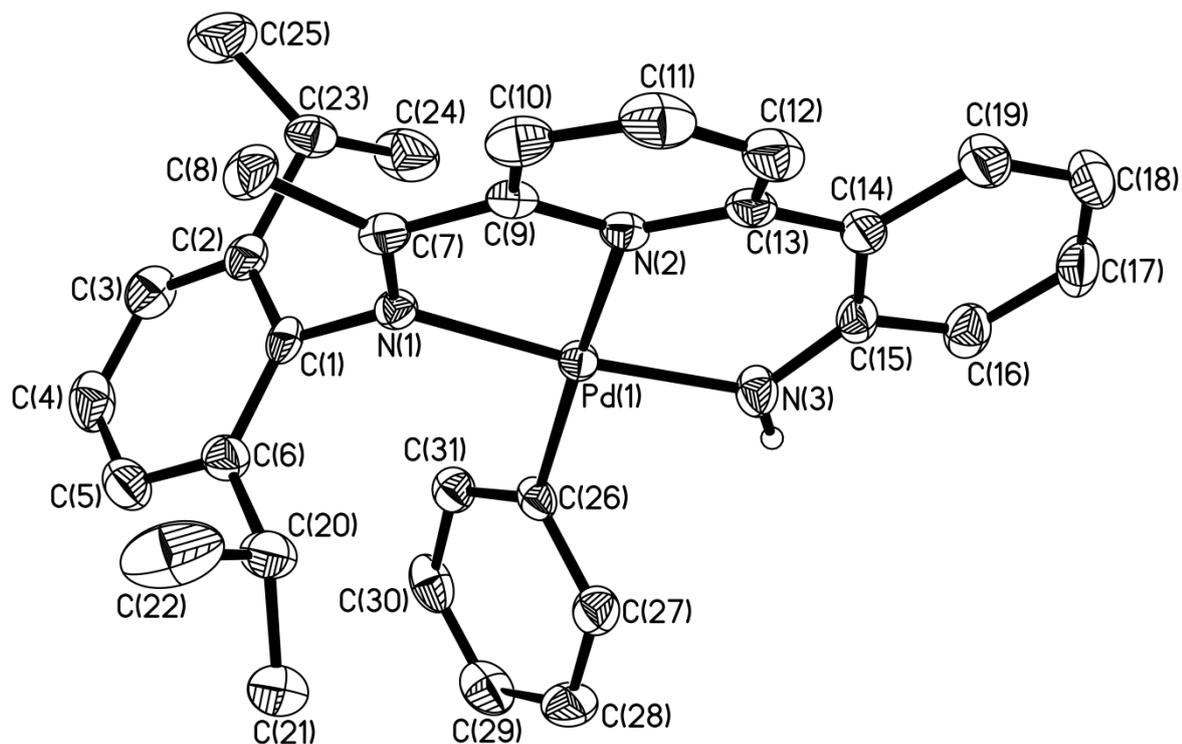


Figure S7. Molecular structure of **3b** with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms, apart from H3A, have been omitted for clarity.

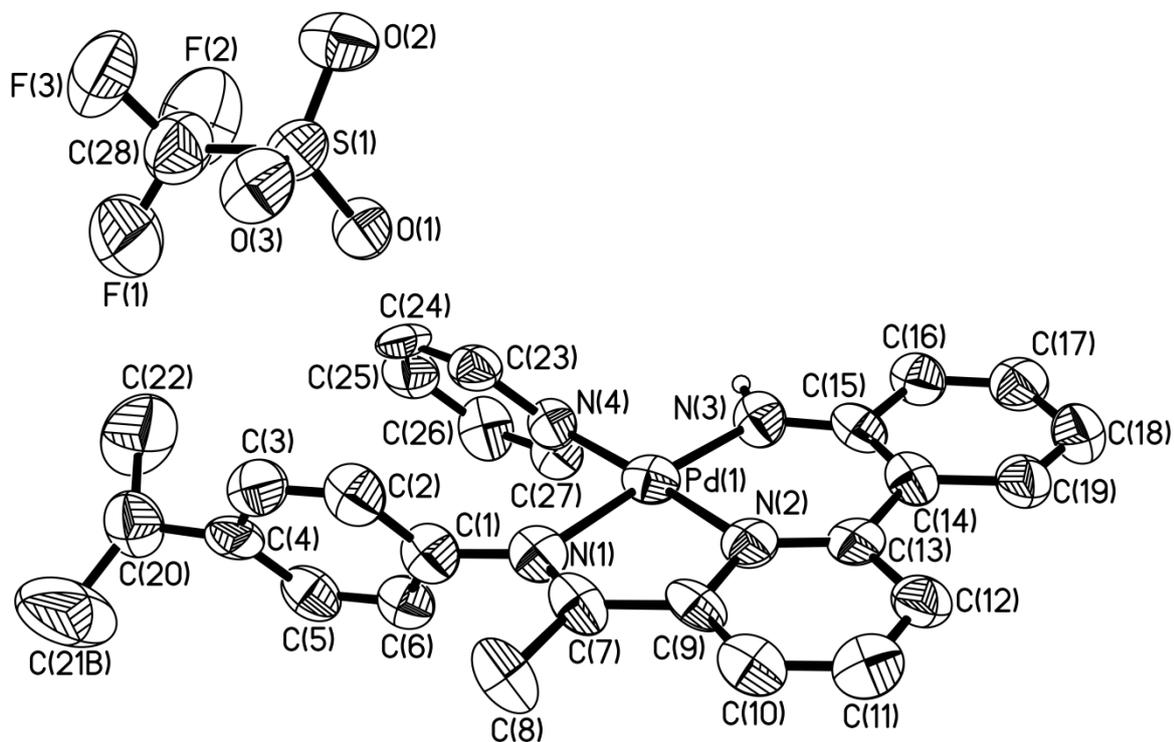


Figure S8. Molecular structure of **5'** (molecule A) with atom labeling scheme and ellipsoids at 50% probability. All hydrogen atoms, apart from H3A, have been omitted for clarity.

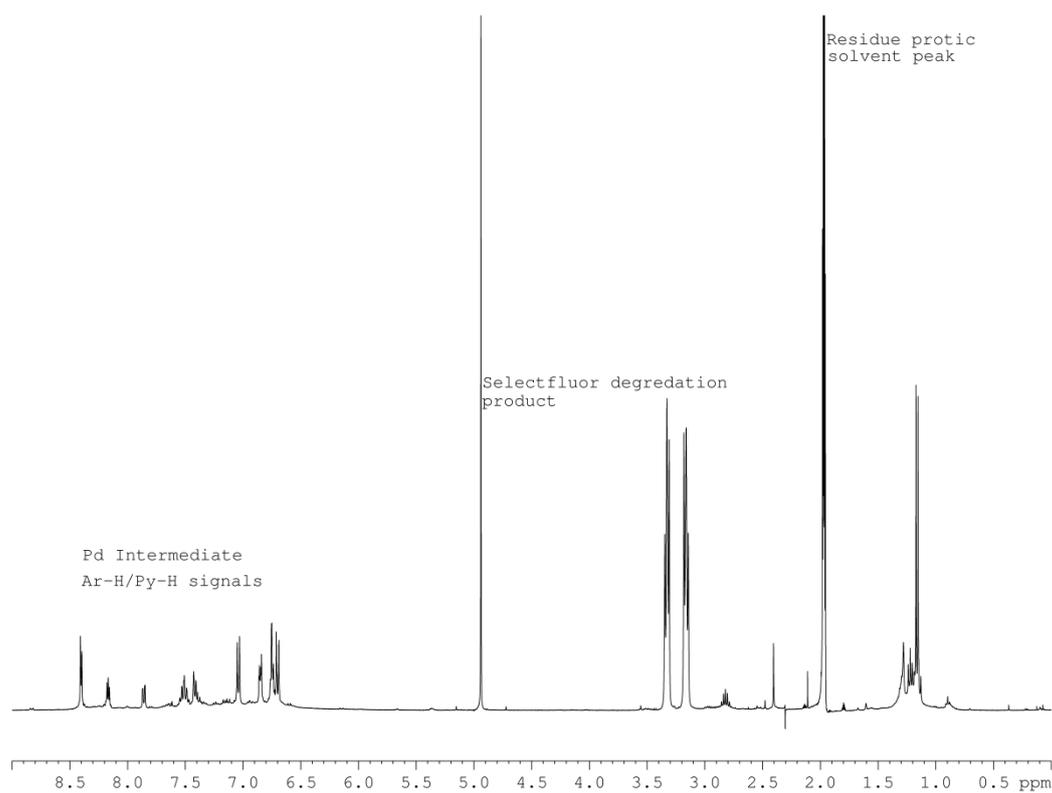


Figure S9. ^1H NMR spectrum (400 MHz, CD_3CN) of products obtained from reaction of **3a** with Selectfluor at 273 K

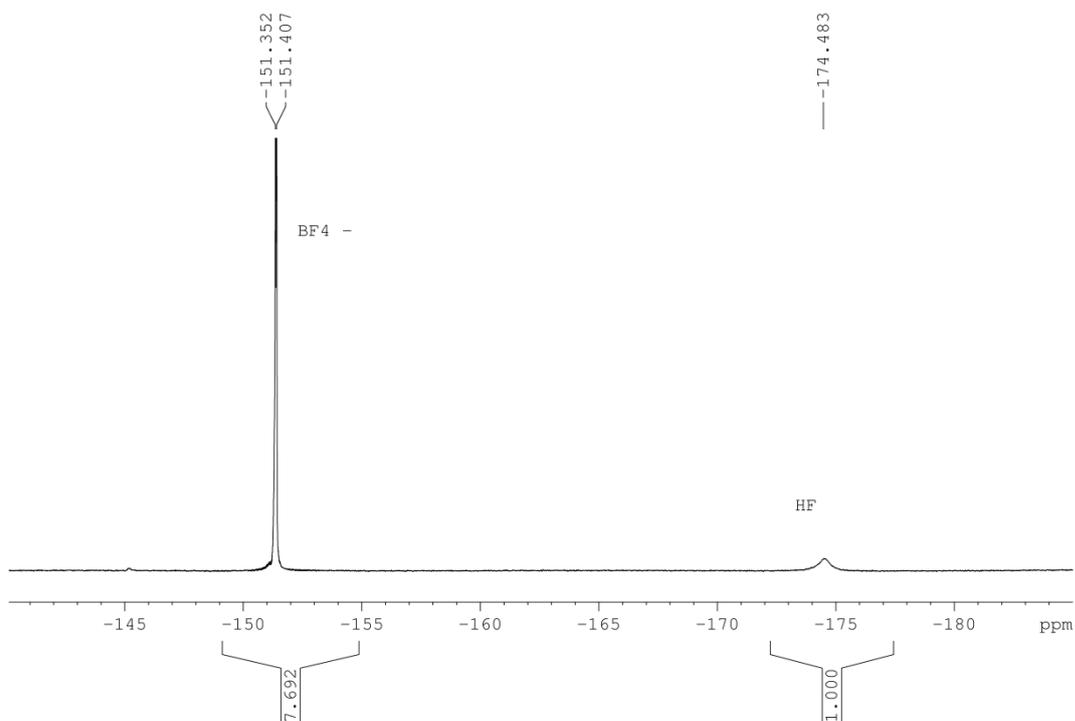


Figure S10. $^{19}\text{F}\{^1\text{H}\}$ NMR spectrum (376.5 MHz, CD_3CN) of products obtained from reaction of **3a** with Selectfluor at 273 K

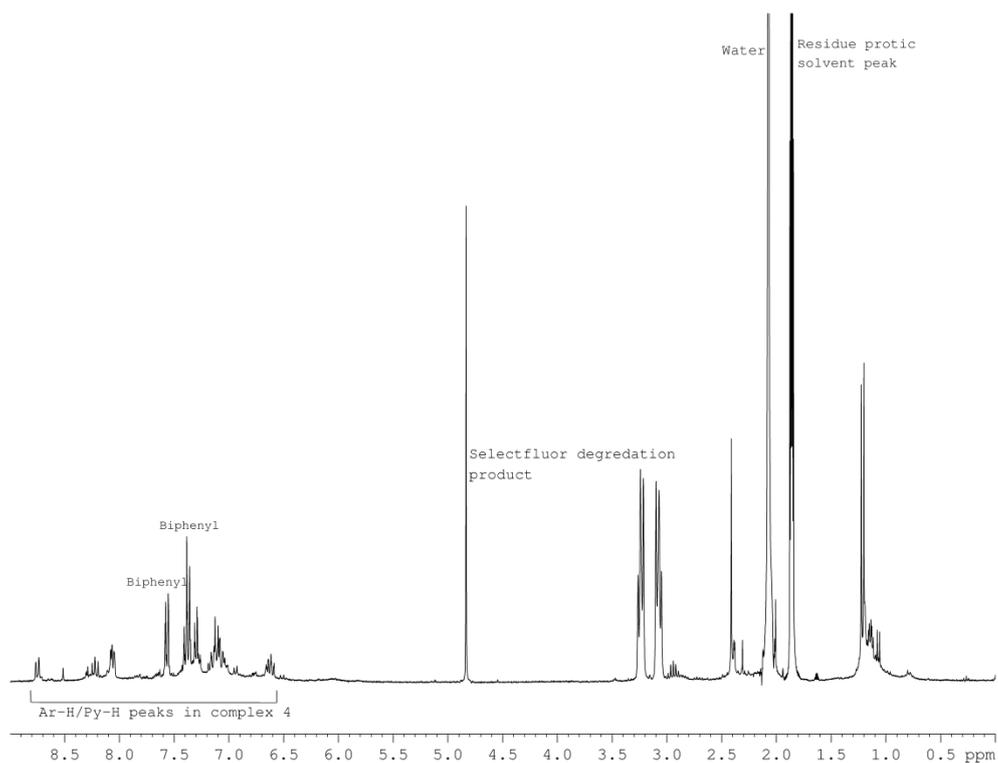


Figure S11. ^1H NMR spectrum (400 MHz, CD_3CN) of products obtained on warming reaction of **3a** with Selectfluor to room temperature

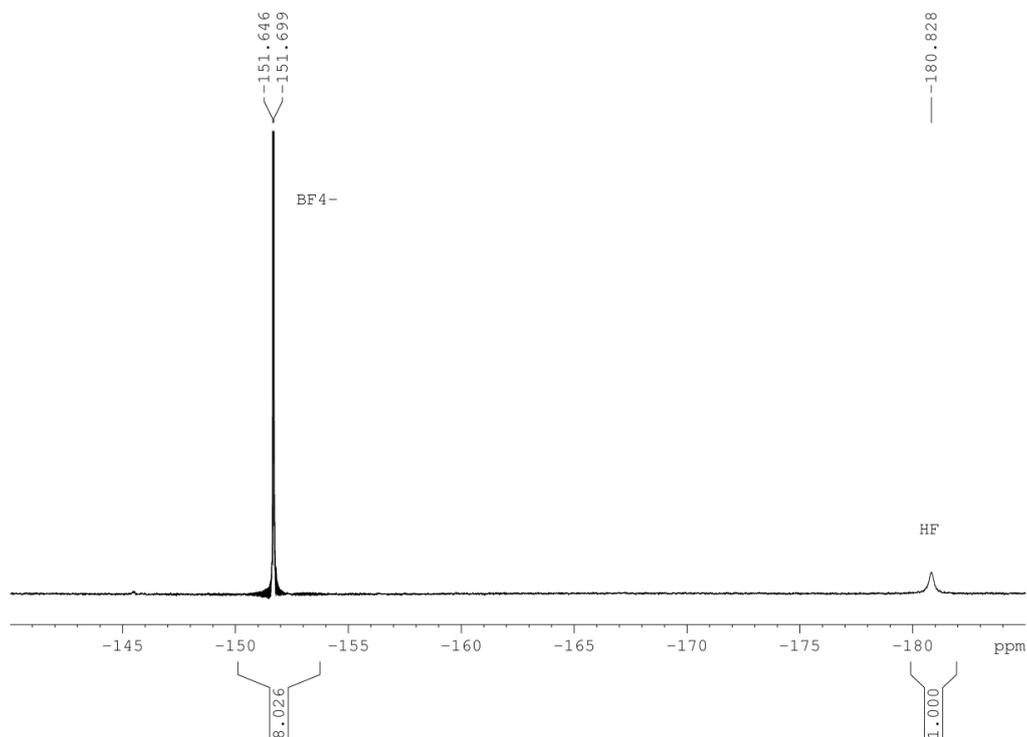


Figure S12. $^{19}\text{F}\{^1\text{H}\}$ NMR spectrum (376.5 MHz, CD_3CN) of products obtained on warming reaction of **3a** with Selectfluor to room temperature