

Supporting Information for:

Synthesis and Reactivity of Nitridorhenium Complexes Incorporating the Mercaptoethylsulfide
(SSS) Ligand.

Nikola S. Lambic, Roger D. Sommer and Elon A. Ison*

Department of Chemistry, North Carolina State University, 2620 Yarbrough Drive, Raleigh,
North Carolina 27695-
8204, United States

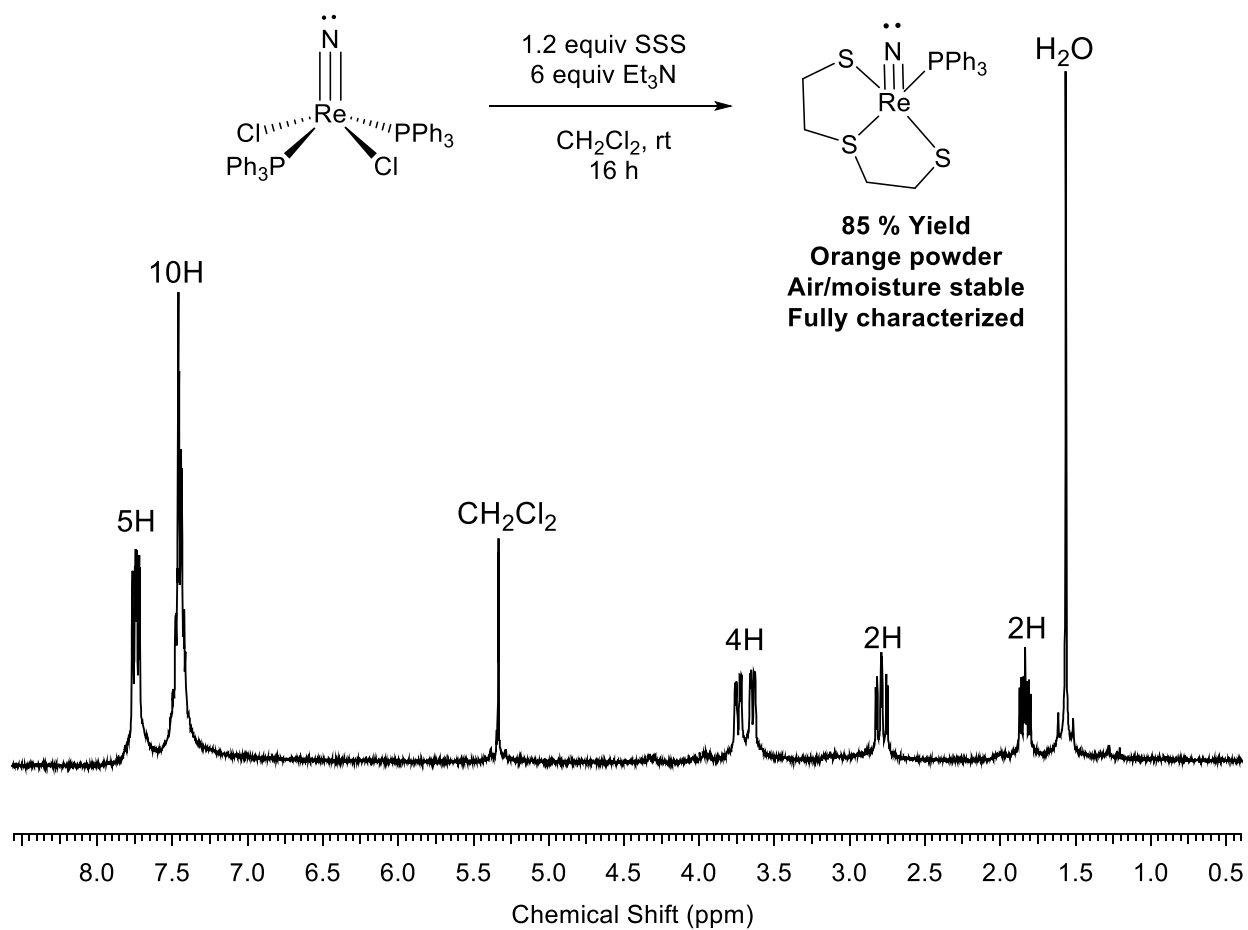


Figure S1. ¹H NMR spectrum for **1** in CD₂Cl₂.

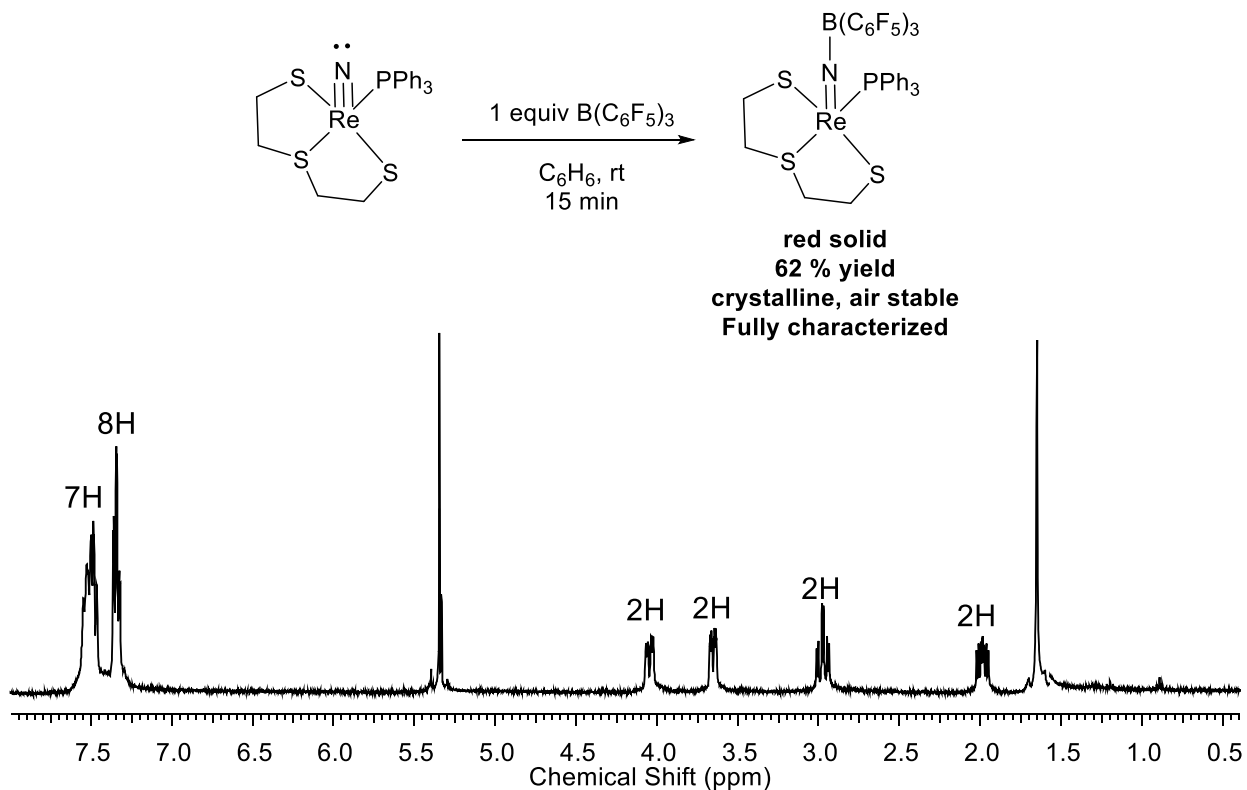


Figure S2. ^1H NMR spectrum of **2a** in CD_2Cl_2 .

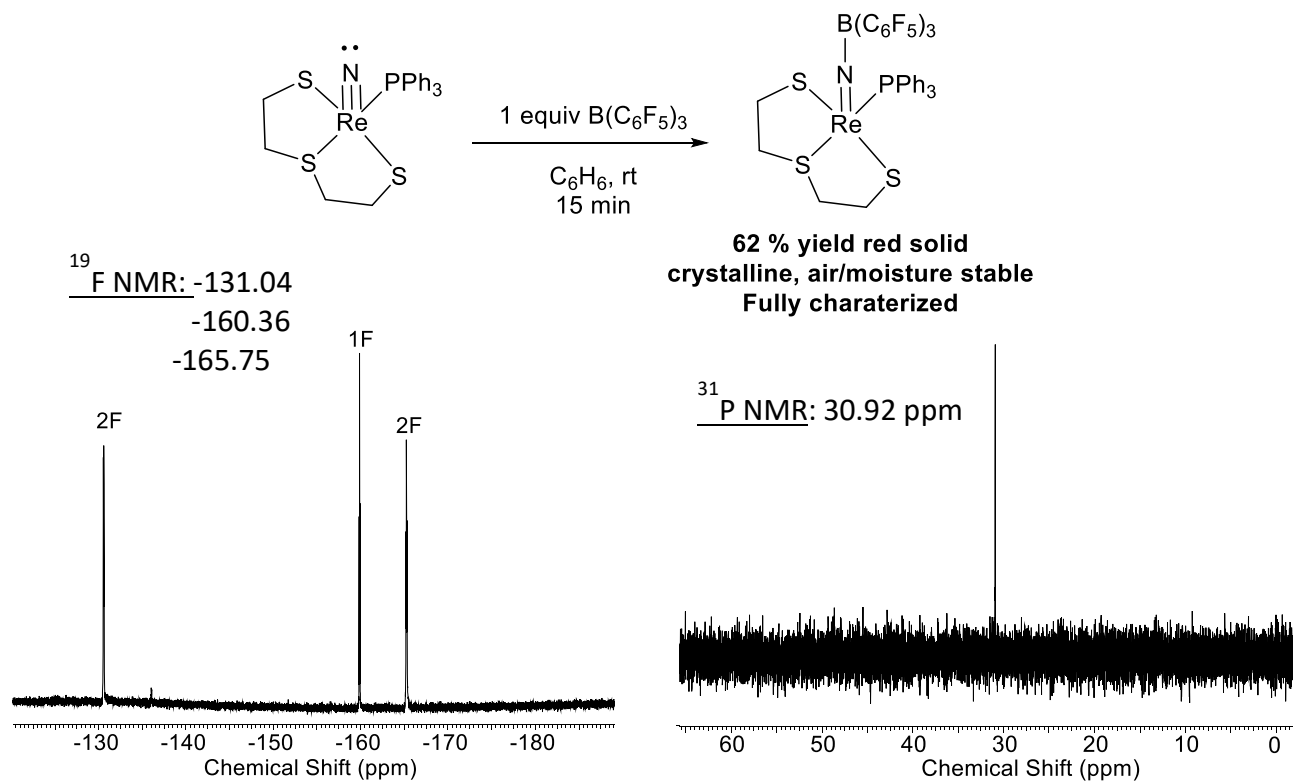


Figure S3. ^{19}F and ^{31}P spectra for **2a** in C_6D_6 .

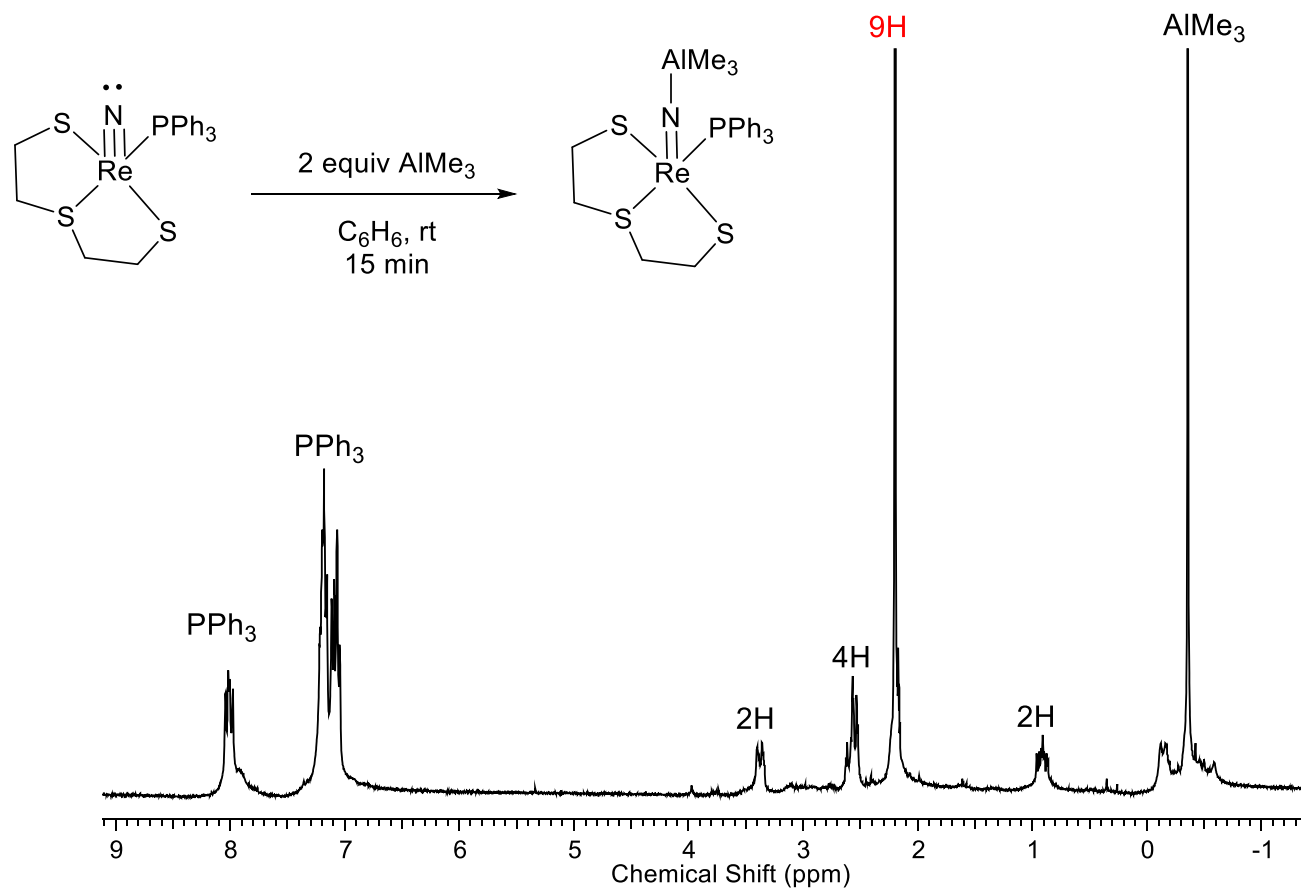


Figure S4. ¹H NMR spectrum for **2b** in C₆D₆.

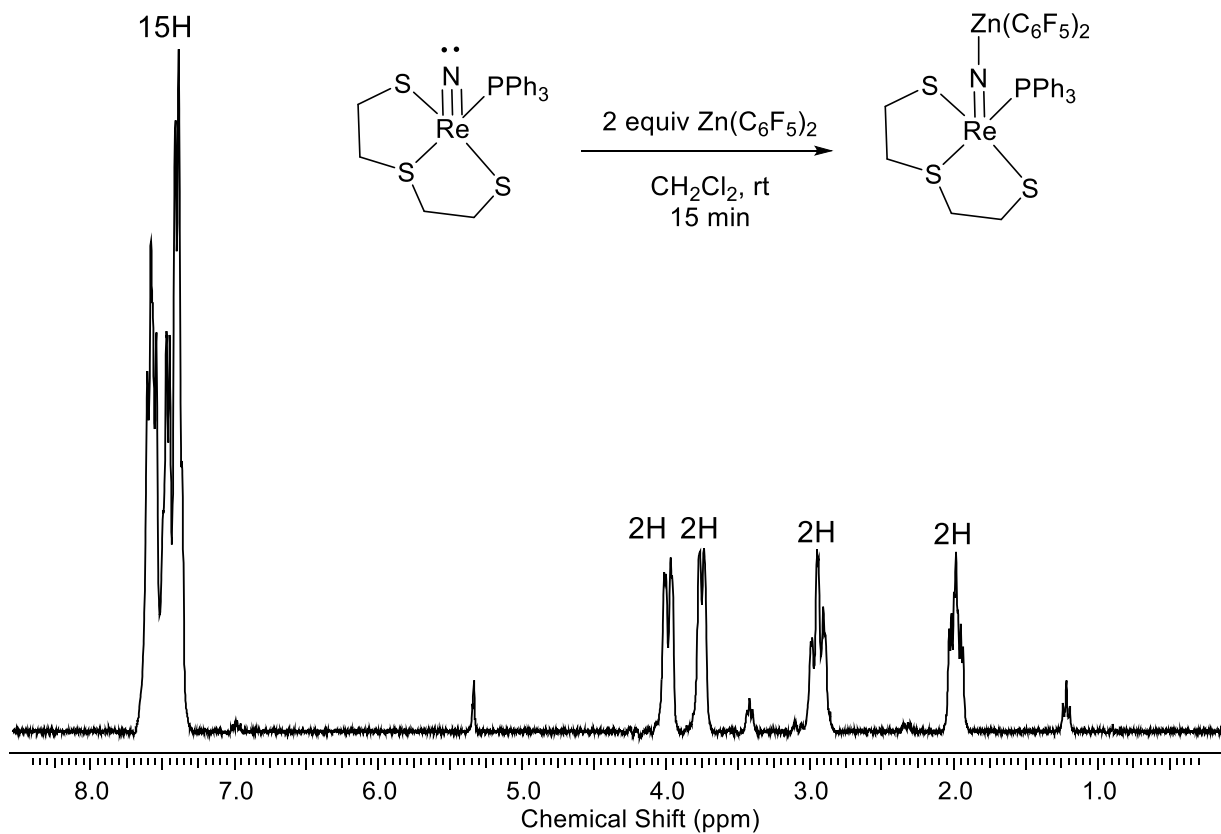


Figure S5. ^1H NMR spectrum for **2c** in C_6D_6 .

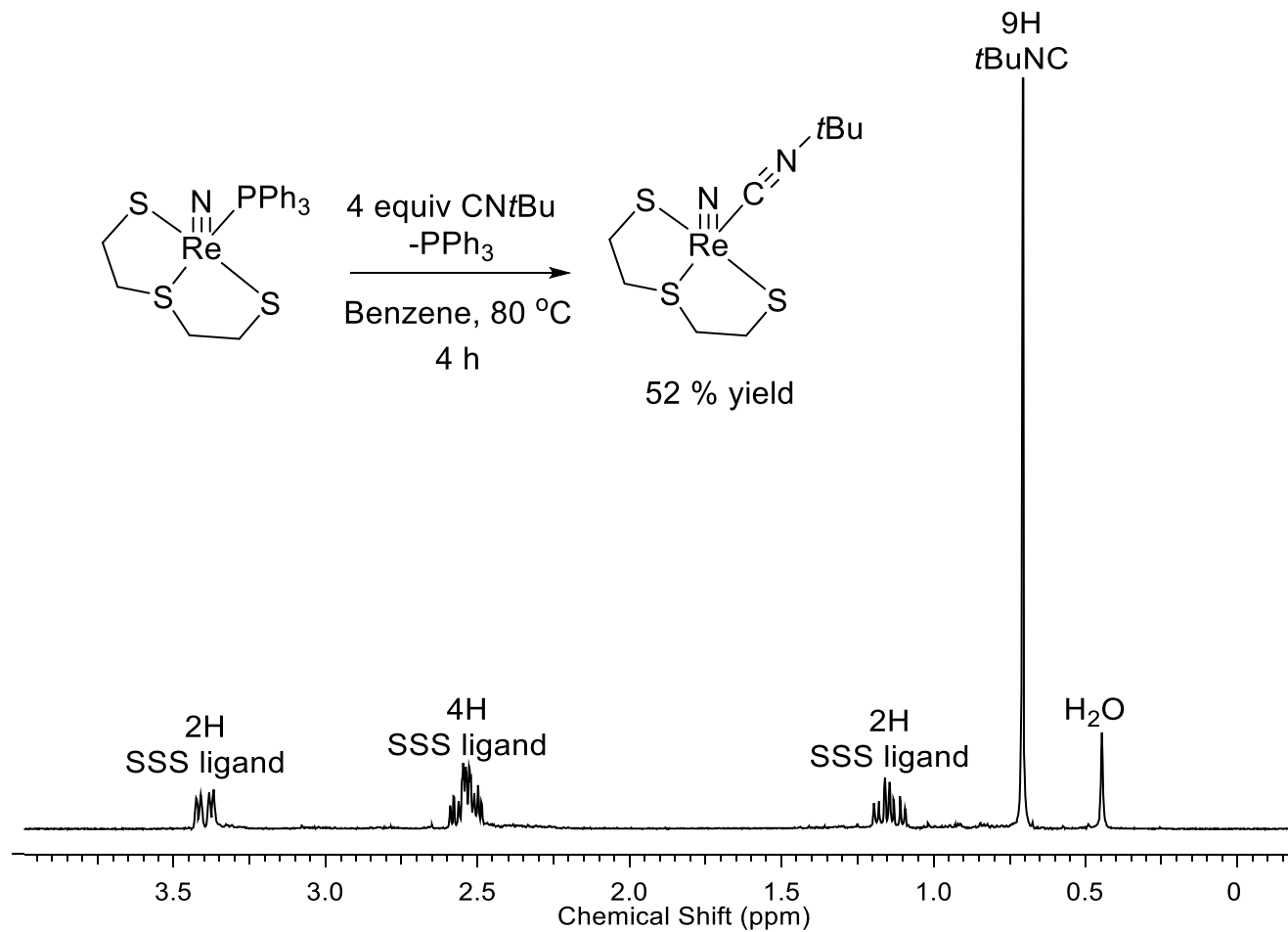


Figure S6. ^1H NMR spectrum of **4** in C_6D_6 .

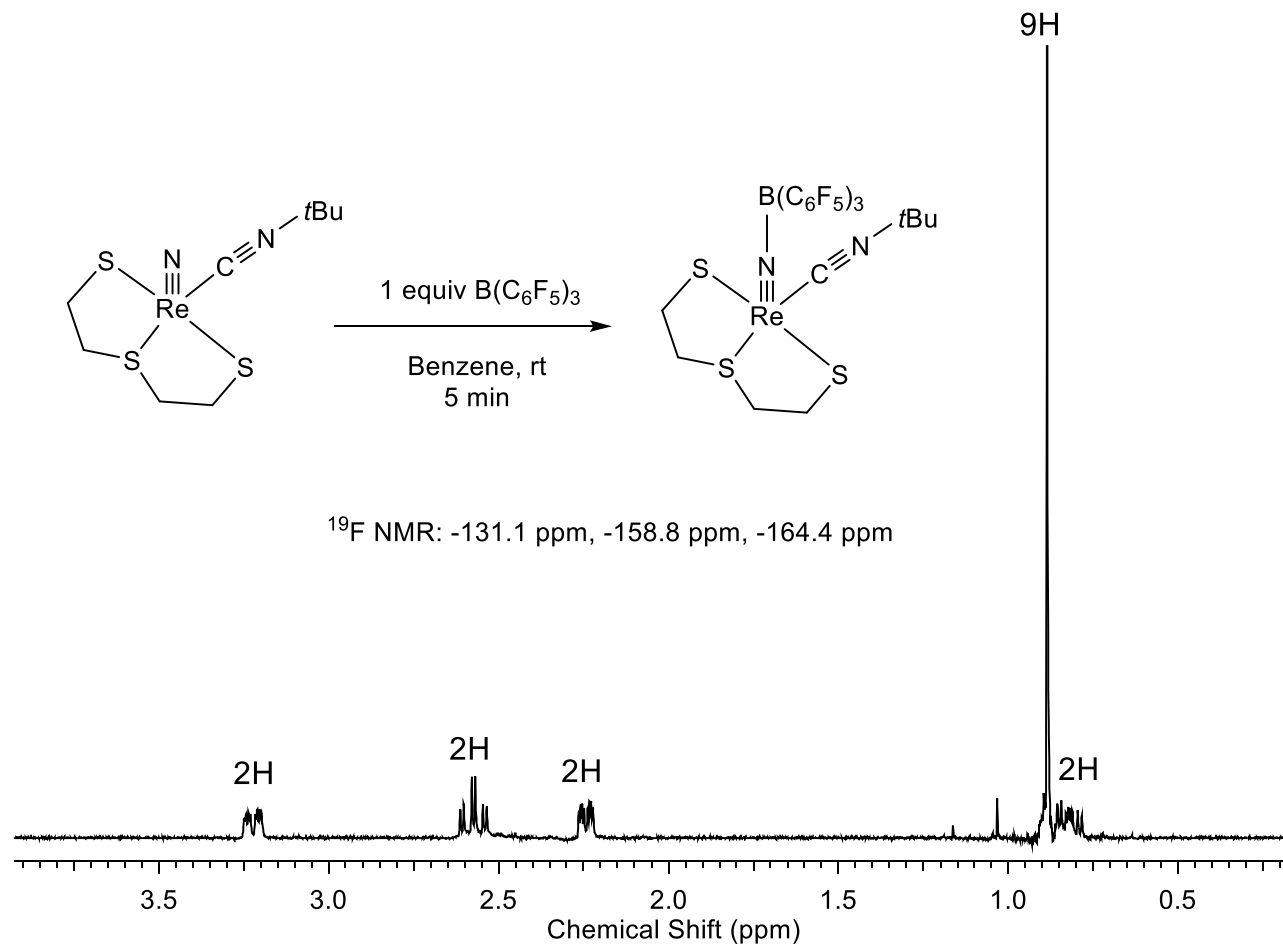


Figure S7. ¹H NMR spectrum of **5a** in C₆D₆.

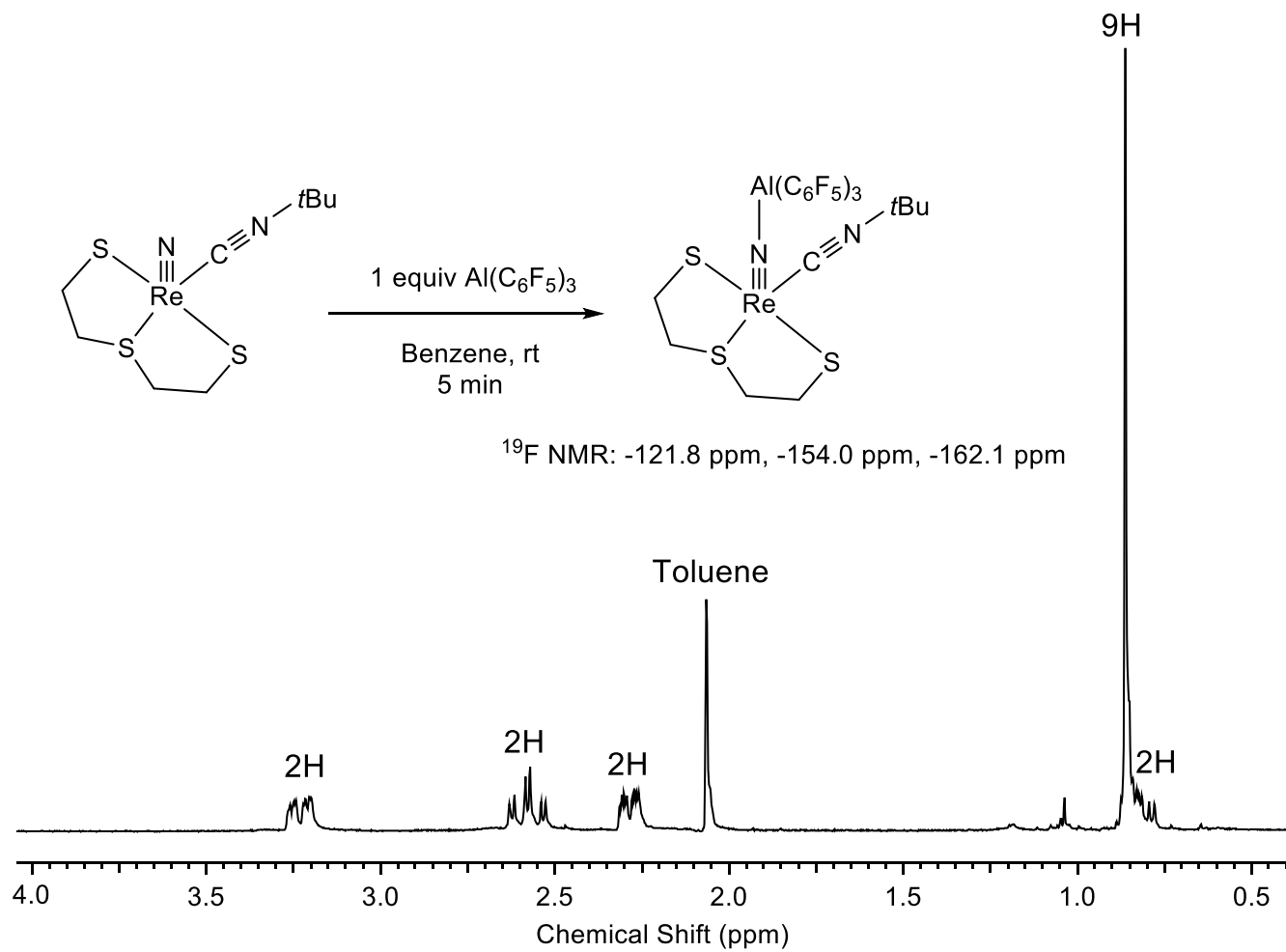


Figure S8. ^1H NMR spectrum for **5b** in C_6D_6 .