

**Regulating the anticancer properties of organometallic
dendrimers using pyridylferrocene entities: Synthesis,
cytotoxicity and DNA binding studies.**

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Supplementary Data

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¹H-NMR spectra of selected metallodendrimers and their binuclear model complexes:

Figure S1: ¹H NMR spectrum of [1][PF₆]₄ in acetone-*d*₆.

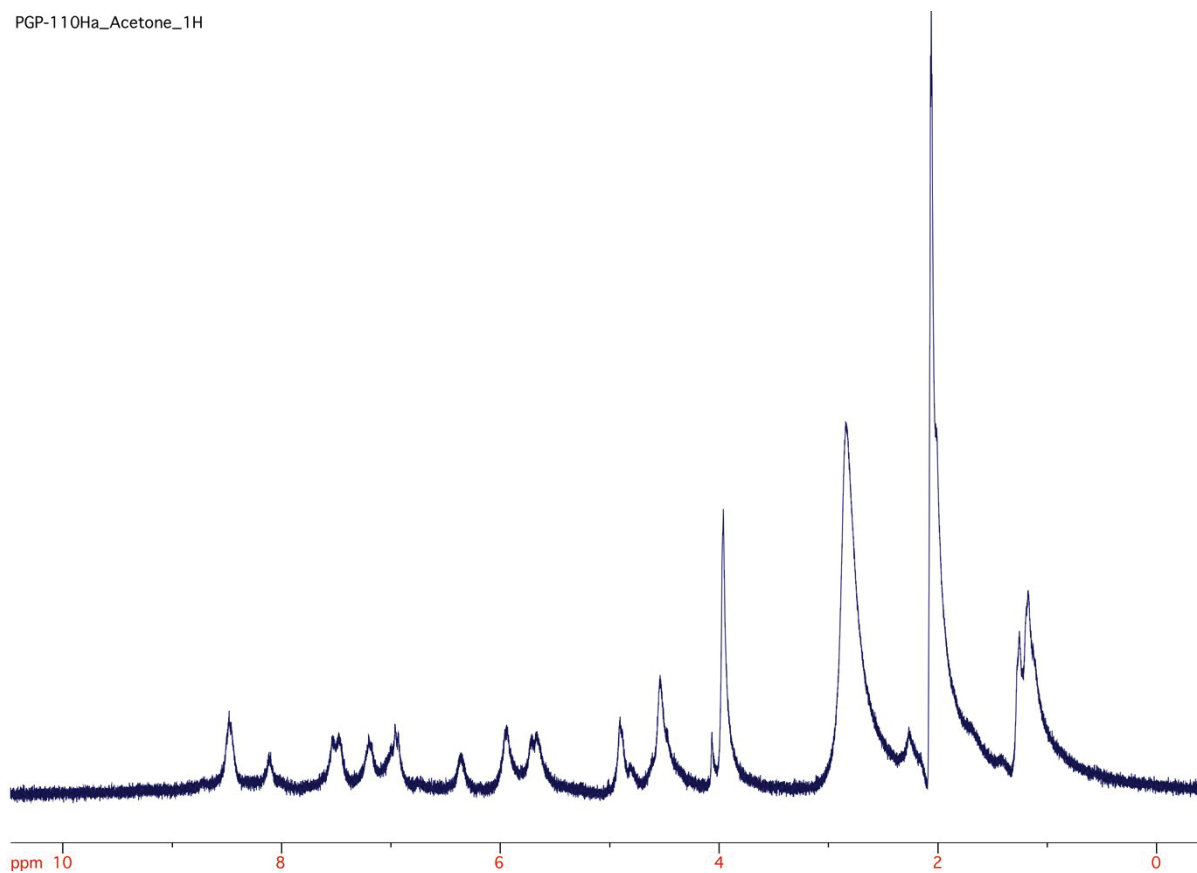


Figure S2: ^1H NMR spectrum of $[\mathbf{3}][\text{PF}_6]_4$ in acetone- d_6 .

PGP-107Ha_Acetone_1H

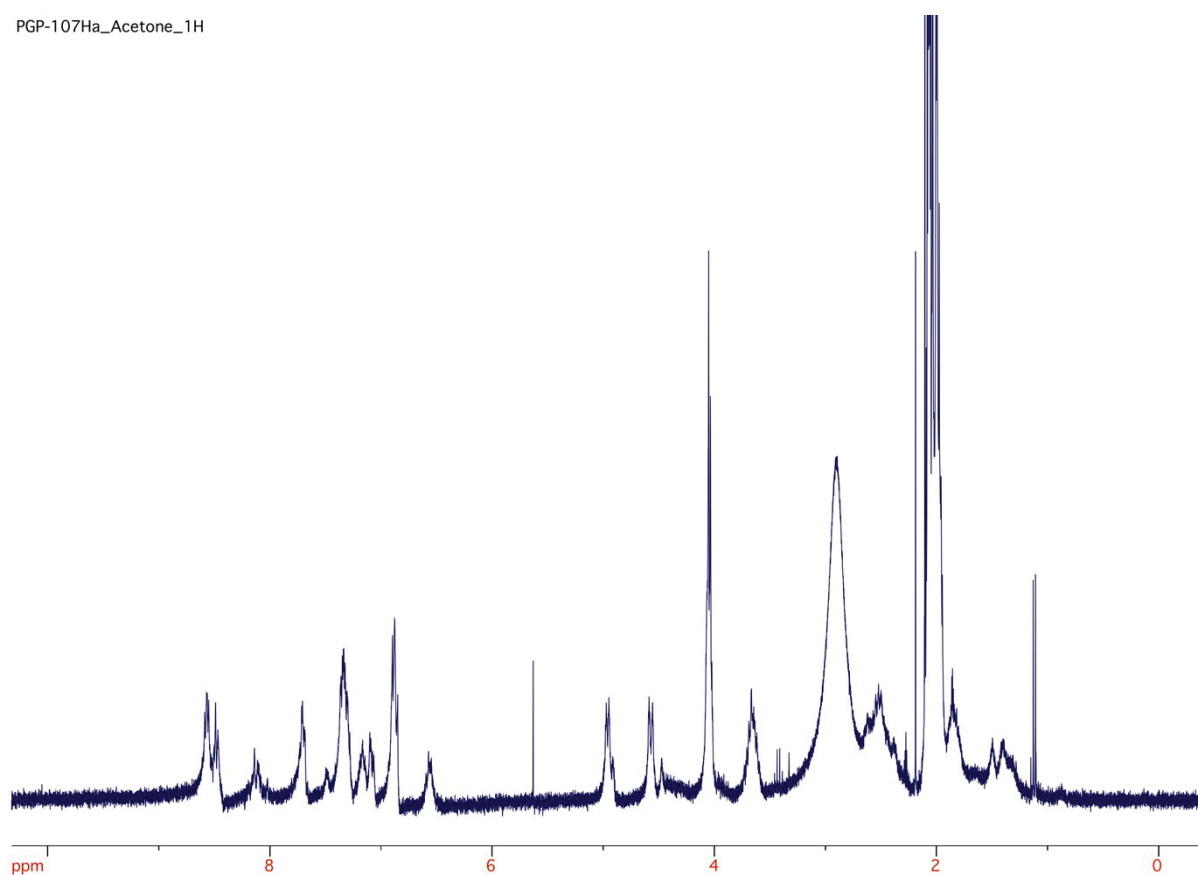


Figure S3: ^1H NMR spectrum of **[5]** $[\text{PF}_6]_4$ in acetone- d_6 .

PGP-103Ha_Acetone_1H

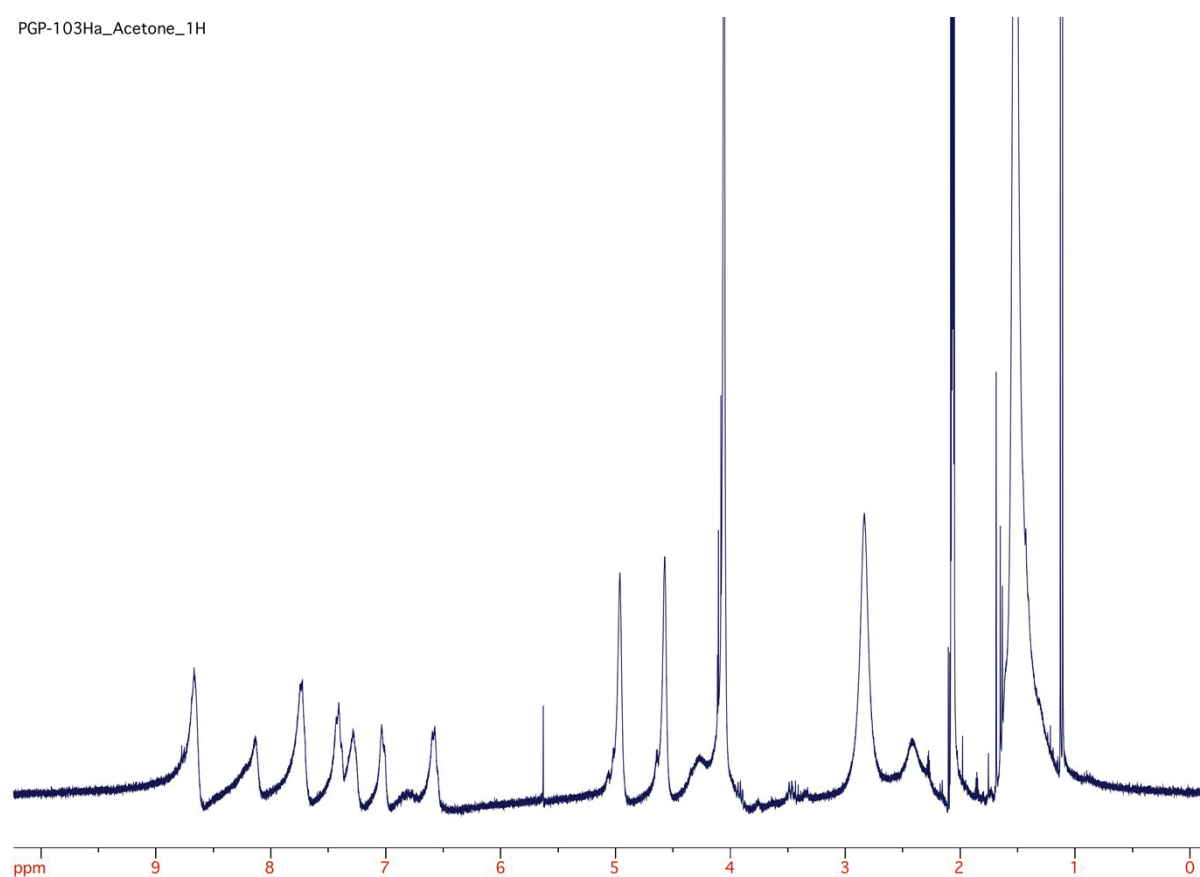


Figure S4: ^1H NMR spectrum of $[\mathbf{7}][\text{PF}_6]_4$ in acetone- d_6 .

PGP_101Ha_Acetone_1H

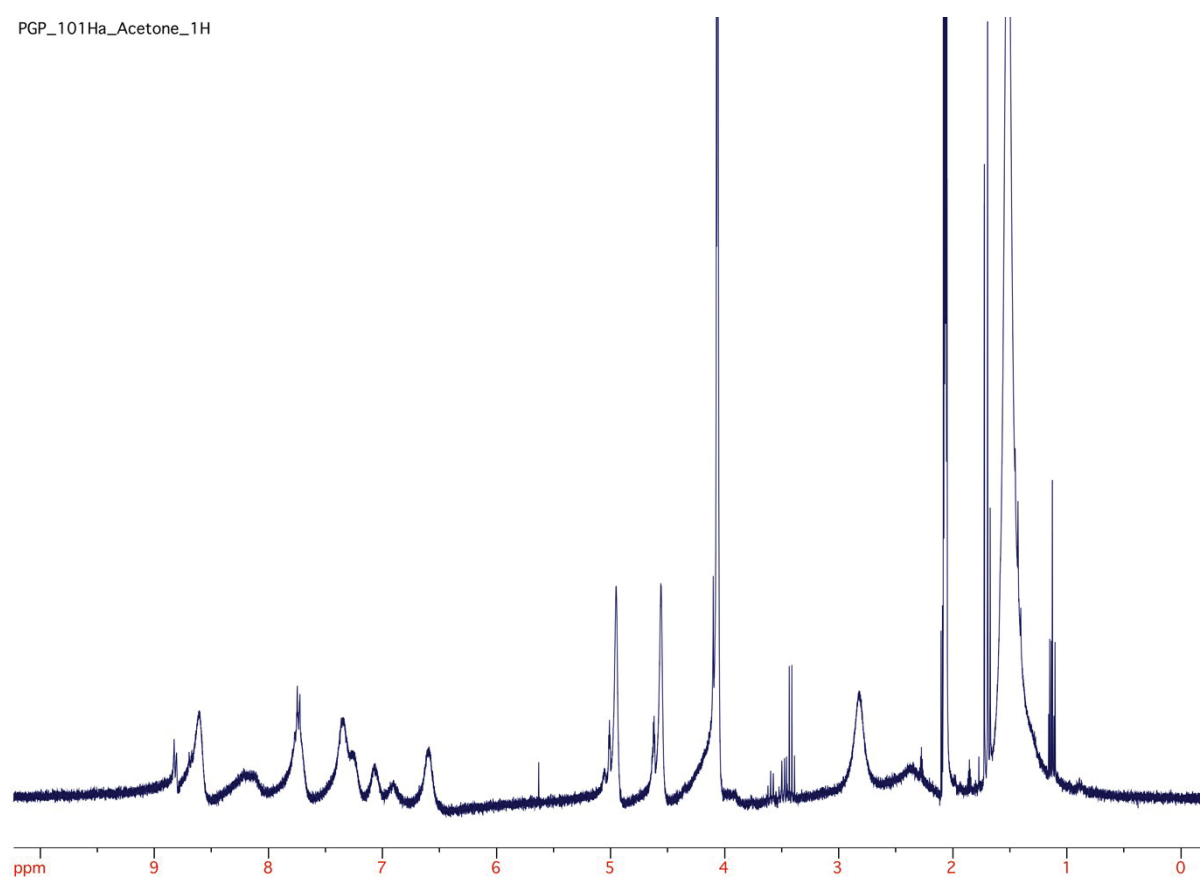


Figure S5: ^1H NMR spectrum of **[9]** $[\text{PF}_6]$ in acetone- d_6 .

PGP-98Hb_Acetone_1H

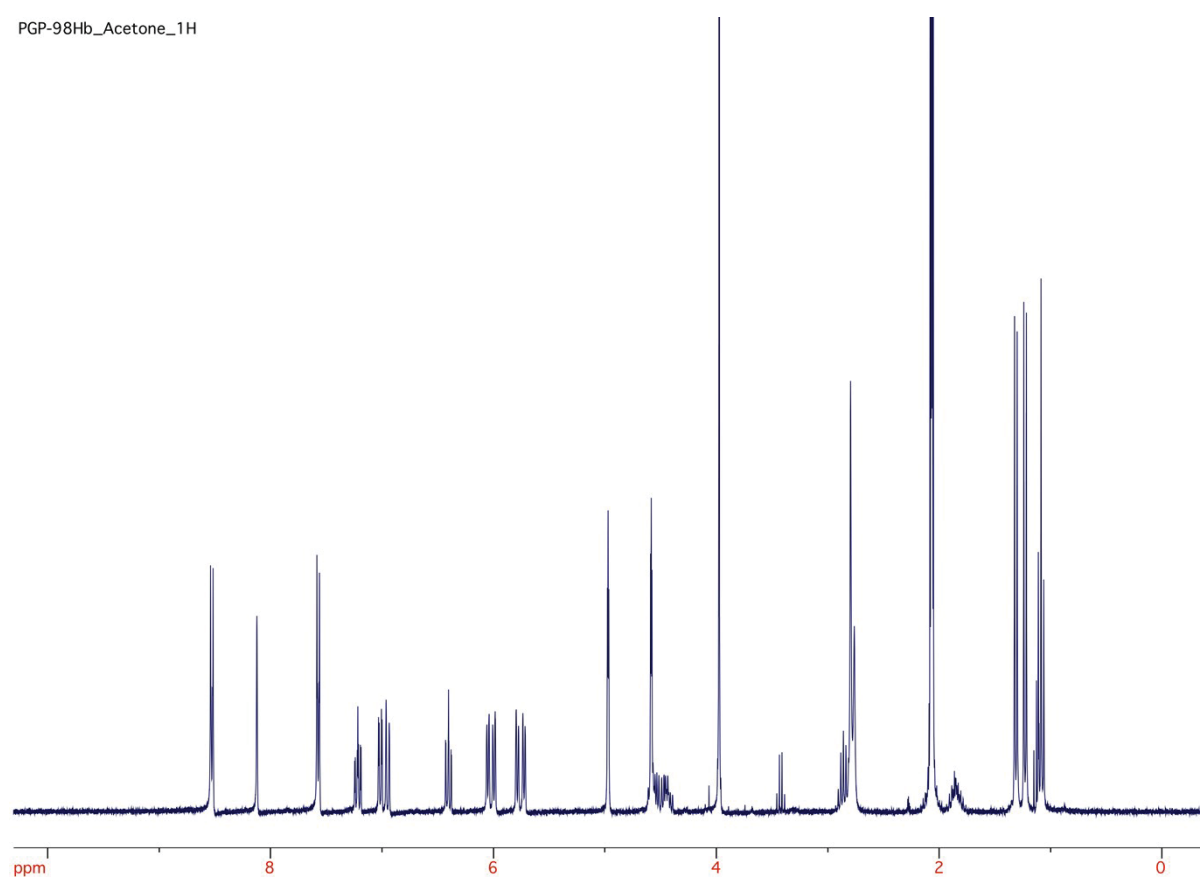


Figure S6: ^1H NMR spectrum of **[10]** $[\text{PF}_6]$ in acetone- d_6 .

PGP-096Ha in D6-Acetone
1H Spectrum
Preshen

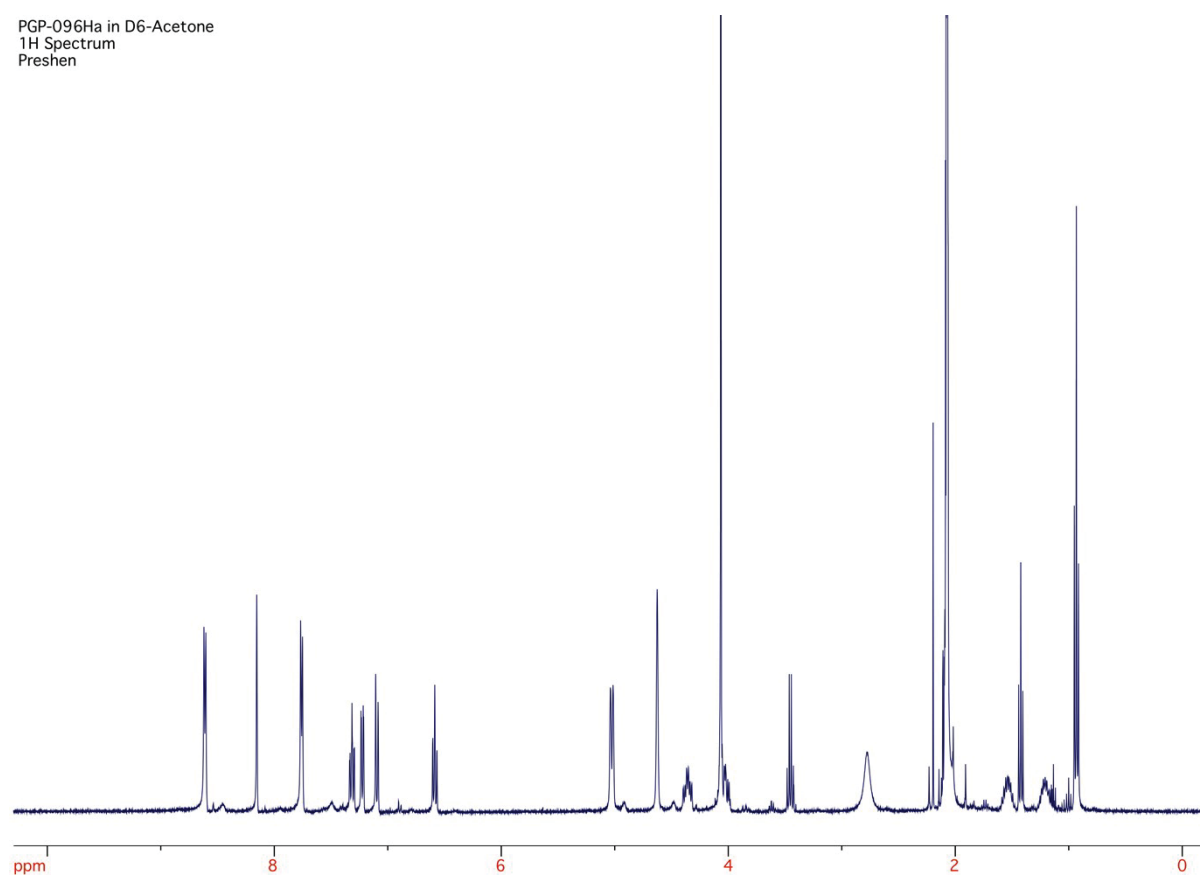


Figure S7: ^1H NMR spectrum of **[11]** $[\text{PF}_6]$ in acetone- d_6 .

PGP-102Ha_Acetone_1H

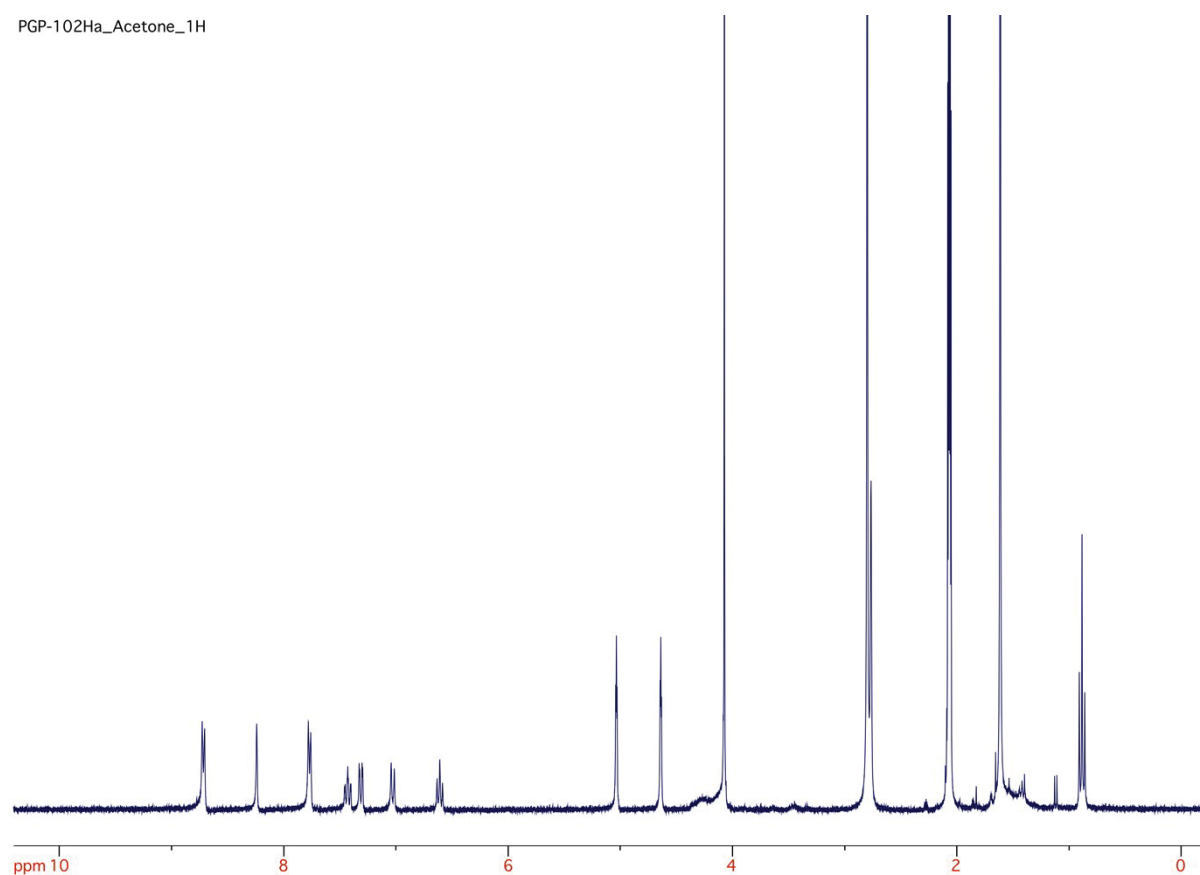
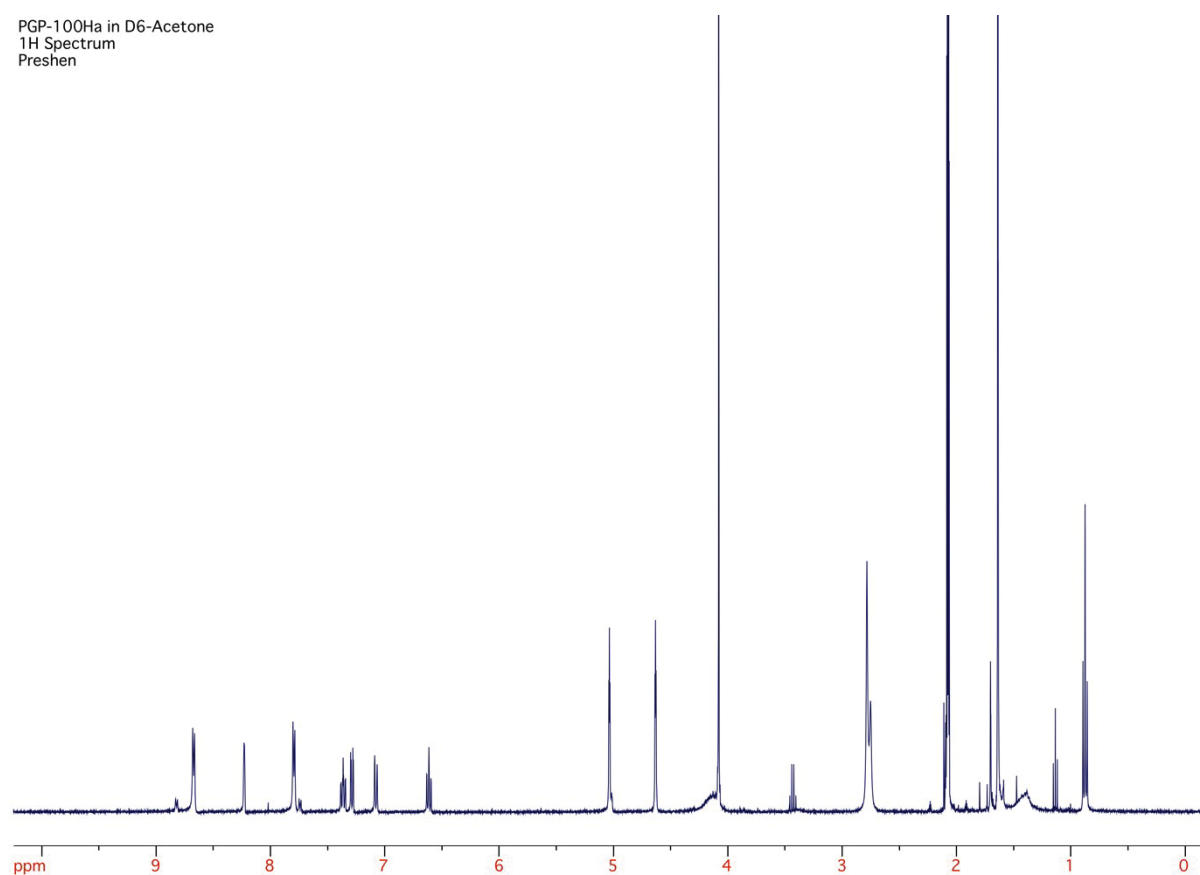


Figure S8: ^1H NMR spectrum of **[12]** $[\text{PF}_6]$ in acetone- d_6 .

PGP-100Ha in D6-Acetone
1H Spectrum
Preshen



Infrared spectra of selected metallodendrimers and their binuclear model complexes:

Figure S9: Infrared spectrum of $[1][PF_6]_4$ in the solid state.

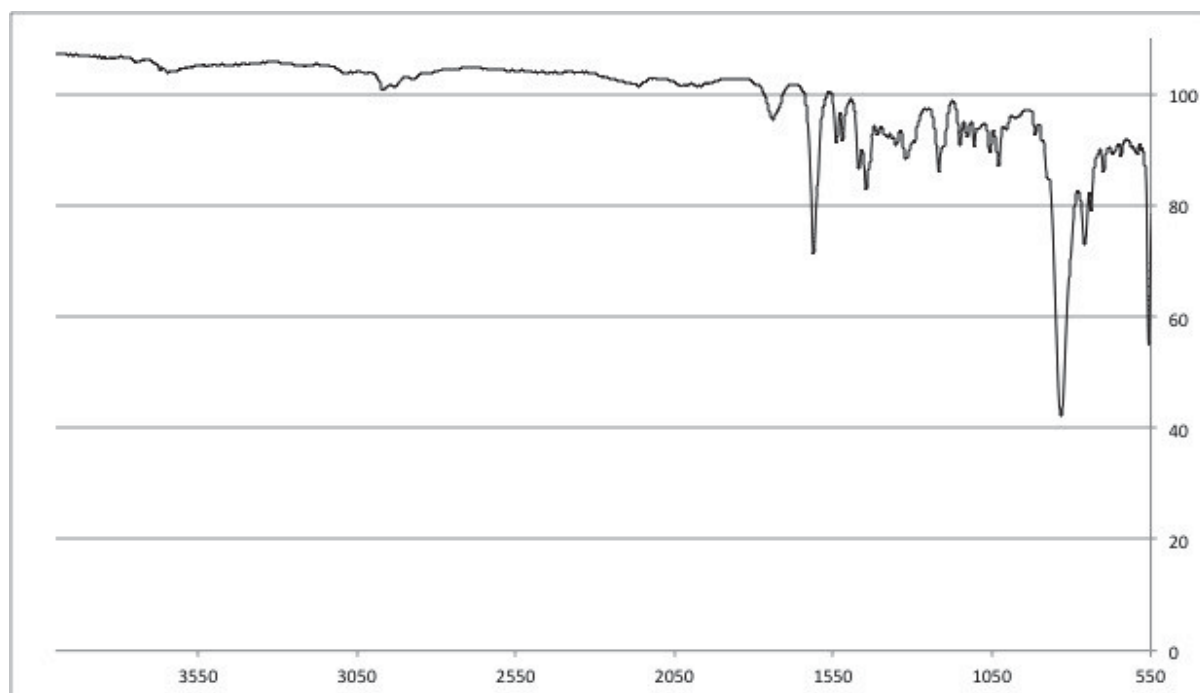


Figure S10: Infrared spectrum of $[3][PF_6]_4$ in the solid state.

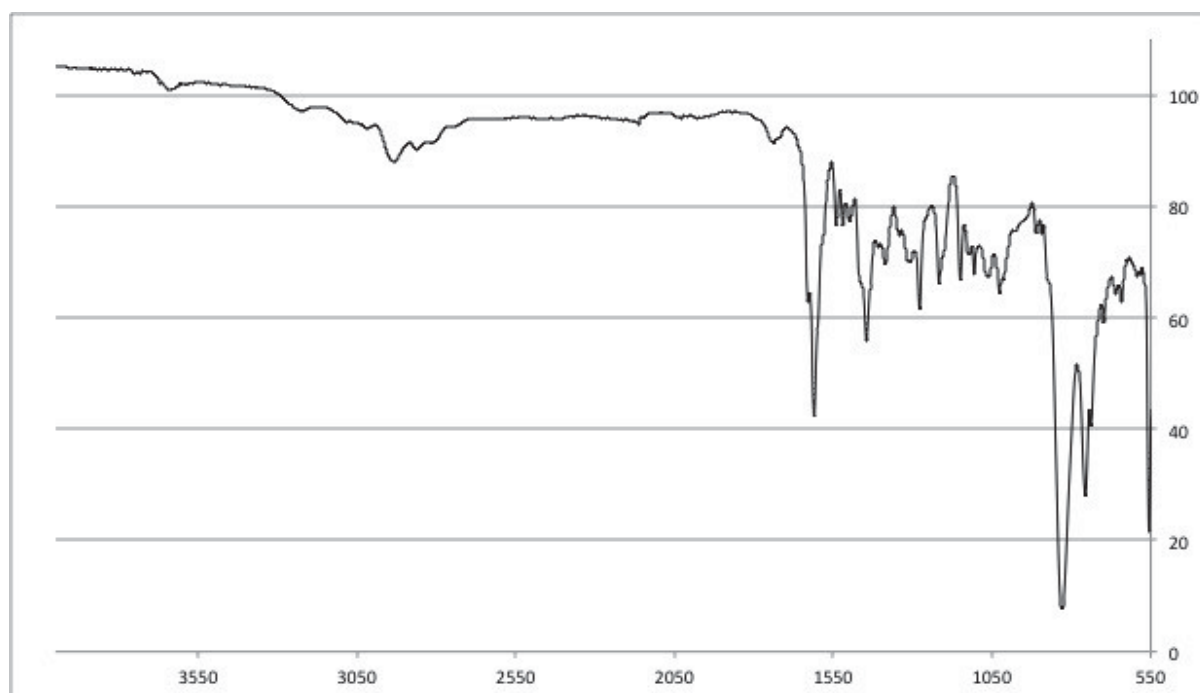


Figure S11: Infrared spectrum of $[5][PF_6]_4$ in the solid state.

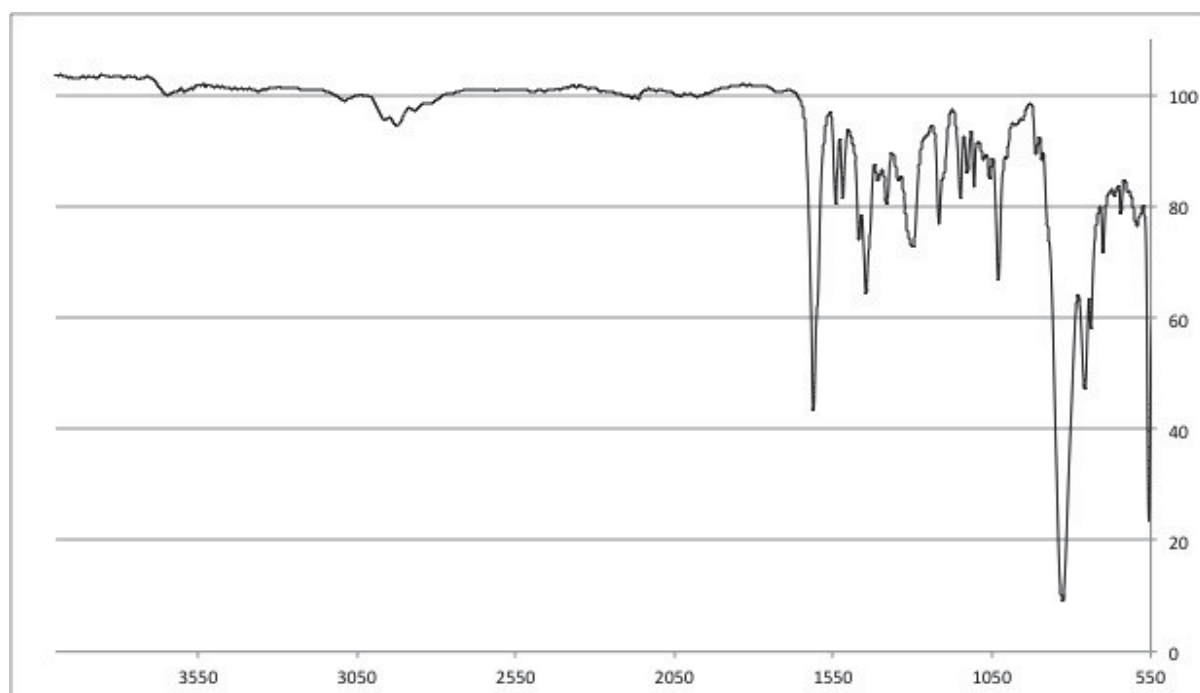


Figure S12: Infrared spectrum of $[7][PF_6]_4$ in the solid state.

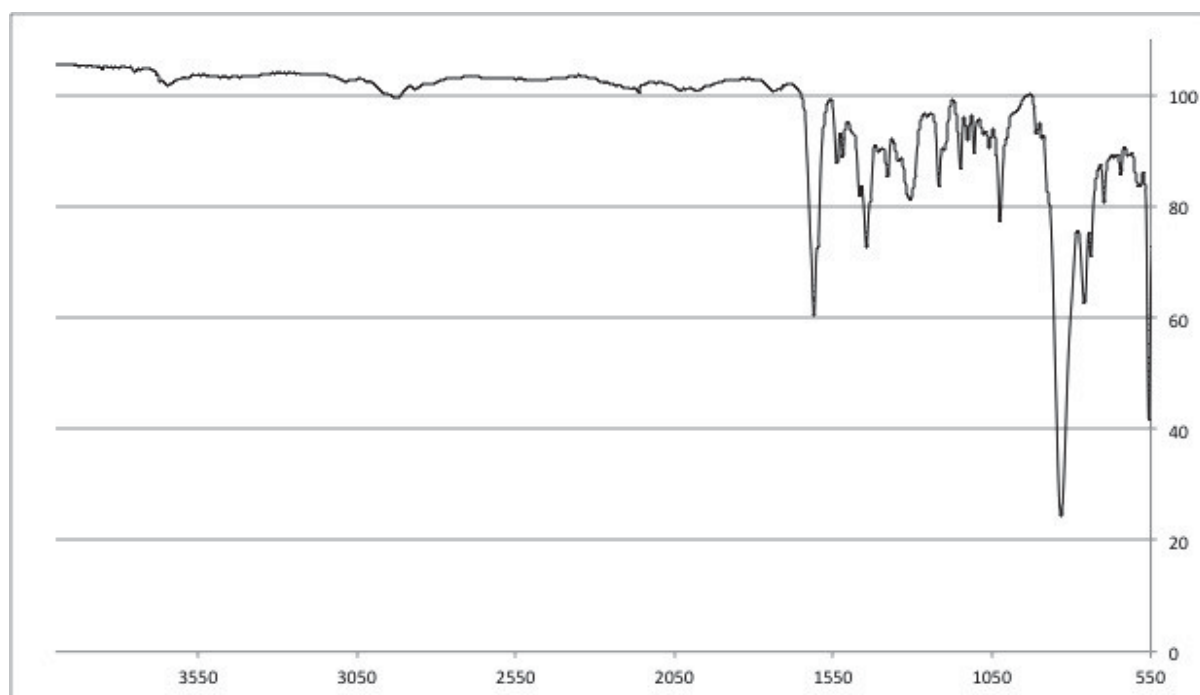


Figure S13: Infrared spectrum of [9][PF₆] in the solid state.

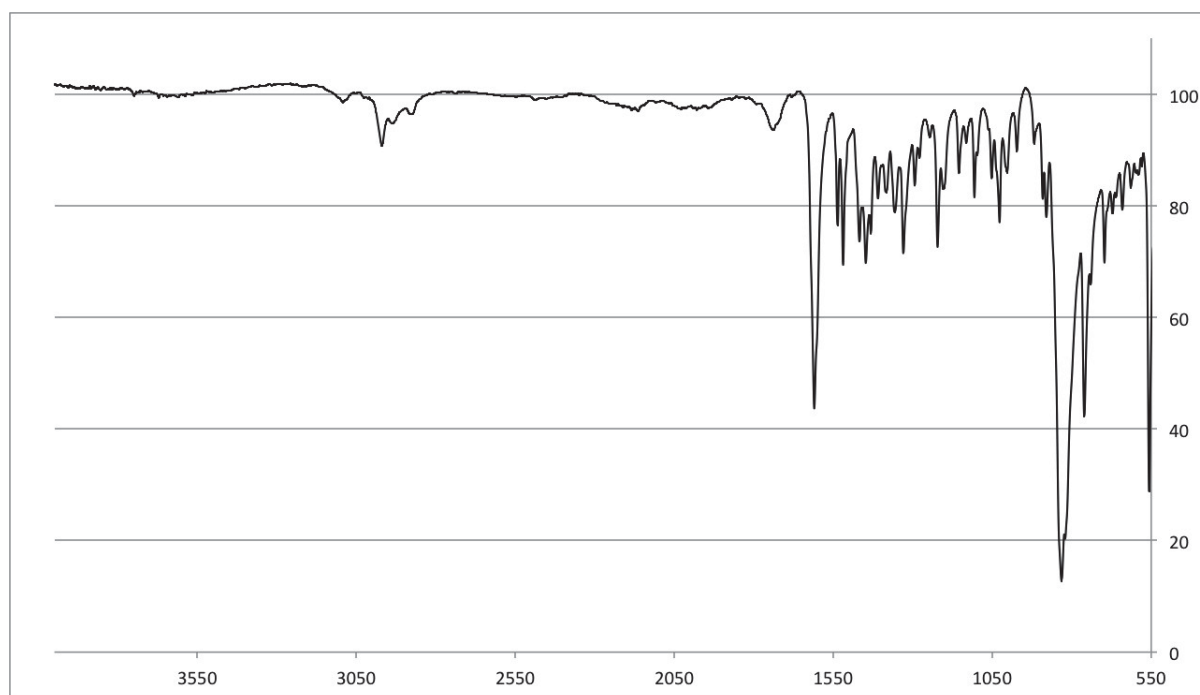


Figure S14: Infrared spectrum of **[10]**[PF₆] in the solid state.

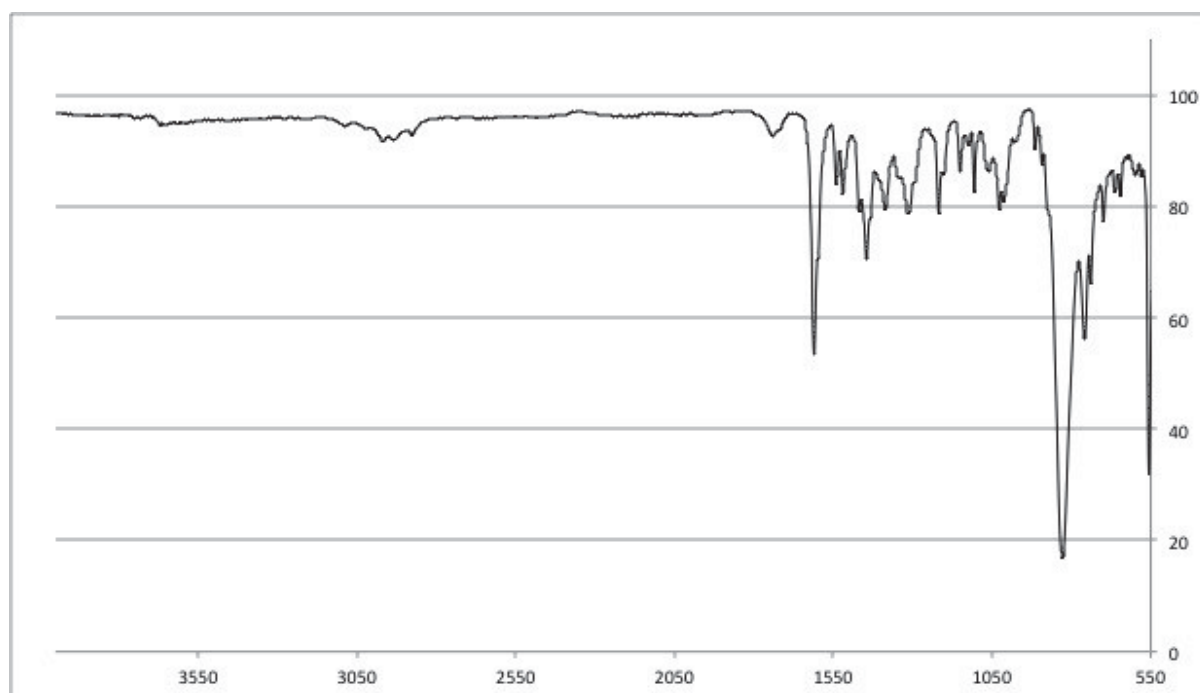


Figure S15: Infrared spectrum of **[11]**[PF₆] in the solid state.

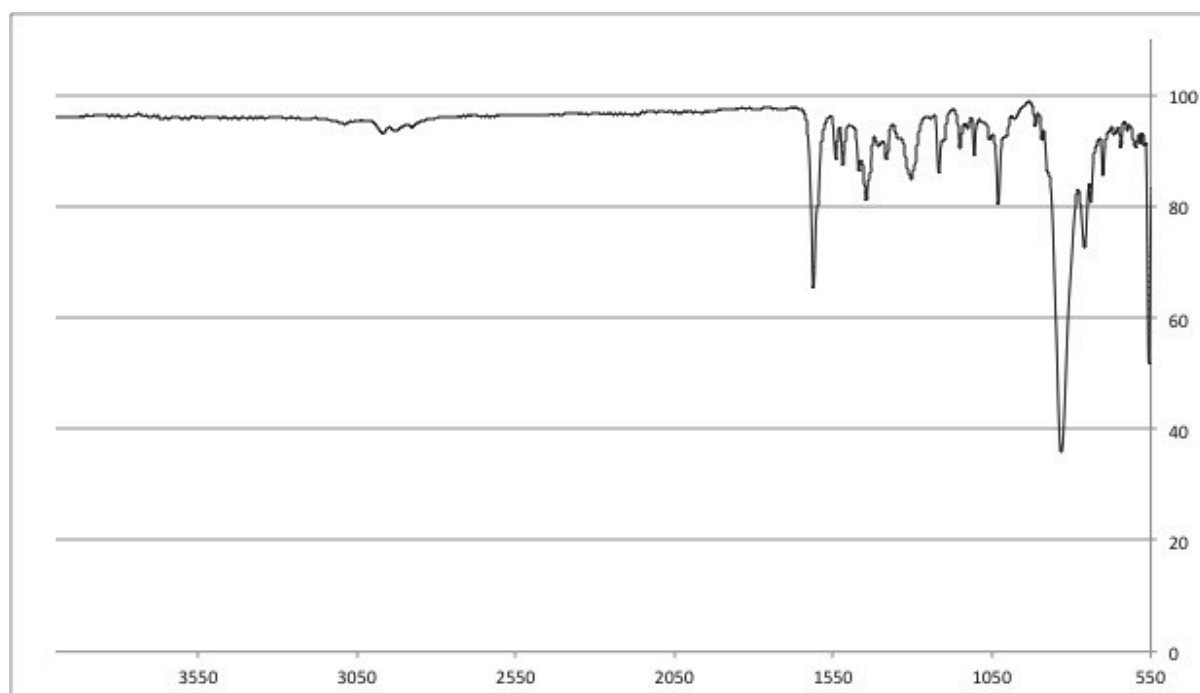


Figure S16: Infrared spectrum of **[12]**[PF₆] in the solid state.

