

Supporting information for:
**Chemistry of the heavy group 15 elements with the pyridyl
tethered 1,2-bis(imino)acenaphthene "clamshell" ligand**
*Allison L. Brazeau, Nathan D. Jones and Paul J. Ragogna**

Department of Chemistry, *The University of Western Ontario*, 1151 Richmond St.,
London, Ontario, N6A 5B7, Canada

Figure S-1: Stacked plot of the ^1H NMR spectra for the reaction of **1** AsCl_3 and SnCl_2 :
crude material, crystals of **2Sn**, and supernatant...S2

Figure S-2: Corroborating ^1H NMR spectrum for the elemental analysis of **3As**...S2

Figure S-3: Corroborating ^1H NMR spectrum for the elemental analysis of **3P**...S3

Figure S-4: Corroborating ^1H NMR spectrum for the elemental analysis of **4Sb**...S3

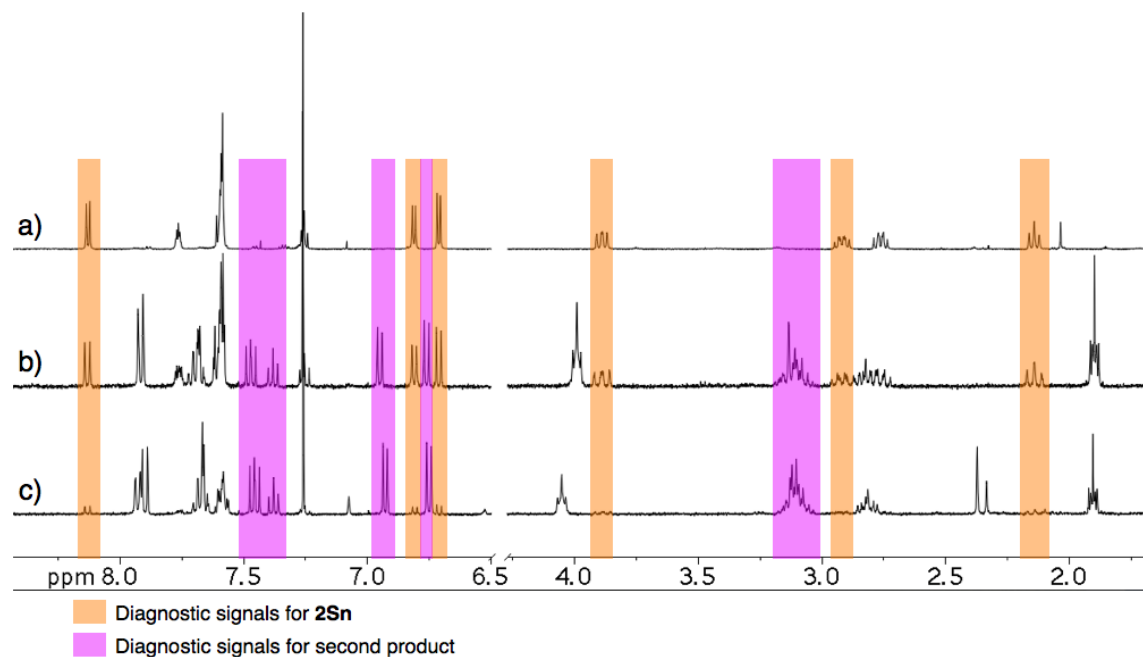


Figure S-1: Stacked plot of the ^1H NMR spectra for the reaction of **1** AsCl_3 and SnCl_2 :
a) crystals of **2Sn**; b) crude material; and, c) supernatant.

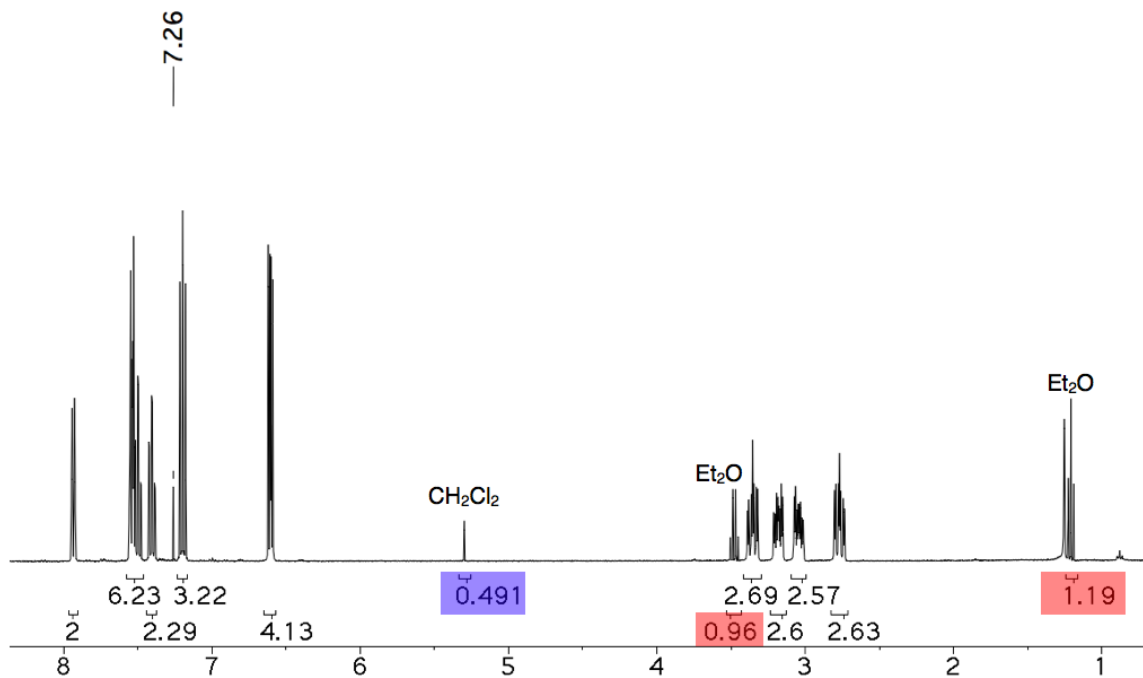


Figure S-2: Corroborating ^1H NMR spectrum for the elemental analysis of **3As** showing $\frac{1}{4}$ equivalents of CH_2Cl_2 (blue) and $\frac{1}{4}$ equivalents of Et_2O (red).

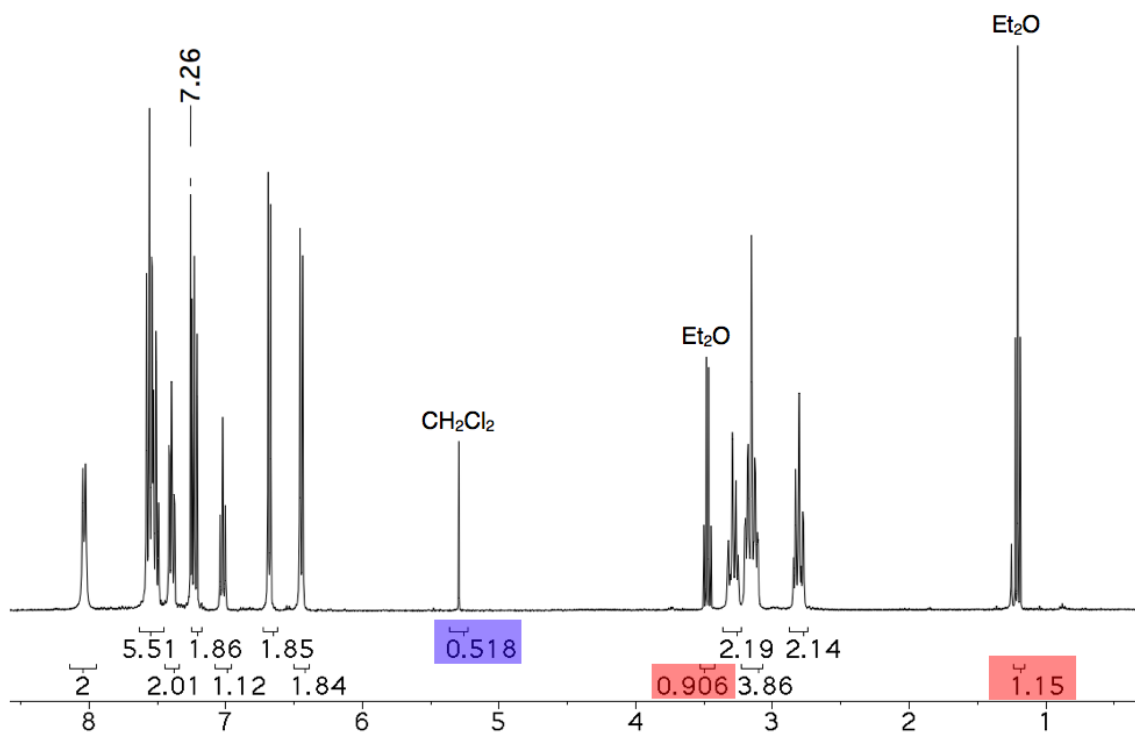


Figure S-3: Corroborating ^1H NMR spectrum for the elemental analysis of **3P** showing $\frac{1}{4}$ equivalents of CH_2Cl_2 (blue) and $\frac{1}{4}$ equivalents of Et_2O (red).

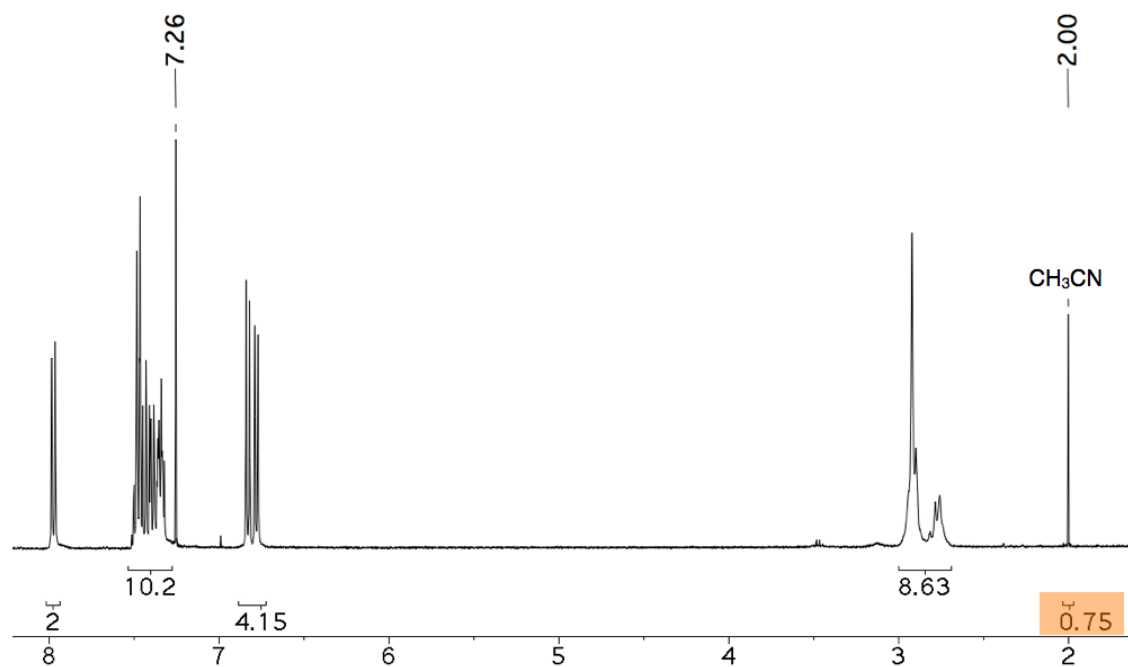


Figure S-4: Corroborating ^1H NMR spectrum for the elemental analysis of **4Sb** showing $\frac{1}{4}$ equivalents of CH_3CN .