Electronic Supplementary Information (ESI)

Synthesis and characterisation of alkaline earth diphenylphosphanometallocene complexes and heterobimetallic alkaline earth metal/platinum(II) complexes \([\text{Ae(thf)}_x(\eta^5-C_5H_4PPh_2)_2Pt(\text{Me})_2] \) (Ae = Ca, Sr, Ba)

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Figure S1. $^1$H NMR spectrum of 6a in C$_6$D$_6$ at room temperature showing the 2:1:1 ratio of C$_5$H$_4$PPh$_2$: thf: toluene.

Figure S2. HRMS spectrum of 10 in thf/acetonitrile in the positive mode showing [M+Na]$^+$ at m/z 834.0748.
Figure S3. HRMS spectrum of 10 in THF/acetoniitrile in the negative mode showing [M+I]⁻ at m/z 937.9900.