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Title:	A versatile hard-soft N/S-ligand for metal coordination and cluster formation
Authors:	Singh, Sanjay (/jspui/browse?type=author&value=Singh%2C+Sanjay)
Keywords:	Deprotonation Cluster formation Supramolecular chemistry Precursor
Issue Date:	2016
Publisher:	Royal Society of Chemistry
Citation:	Chemical Communications, 52(62), pp. 9683-9686
Abstract:	Deprotonation of the thialdiphosphazane [SPH(μ -NtBu)] ₂ with a range of metal-bases gives the stable dianion [S-P(μ -NtBu)] ₂ ²⁻ , which is valence-isoelectronic with the widely-used [RN-P(μ -NR)] ₂ ligand. Structural studies show that the new ligand has adaptable hard-soft character with respect to the coordinated metal centre and that its multidentate nature can be exploited to construct large cage architectures.
Description:	Only IISERM authors are available in the record.
URI:	https://pubs.rsc.org/en/content/articlelanding/2016/cc/c6cc04805f#!divAbstract (https://pubs.rsc.org/en/content/articlelanding/2016/cc/c6cc04805f#!divAbstract) http://hdl.handle.net/123456789/2547 (http://hdl.handle.net/123456789/2547)
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