

(EtZn)₄Zn₂(PSi^{*t*}Bu₃)₄ – a Homometallic Phosphanediide of Zinc with a Novel Zn₆P₄ Cage

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The metalation of tri(*tert*-butyl)silylphosphane with diethylzinc yields quantitatively the title compound tetraethyltetrakis(tri(*tert*-butyl)silylphosphanediido)hexazinc (**1**) with a novel Zn₆P₄ cage with two Zn₂P₂ rings interconnected by two zinc atoms.

Key words: Cage Compounds, Geminal Dianions, Metalation, Phosphanediides, Zinc