Zinc Bis[μ-*N*,*N*′-chlorozinc-bis(*N*-trimethylsilylimino-diphenylphosphoranyl)-methanediide]: A Zinc Derivative of a Geminal Carbdianion

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Z. Naturforsch. **58b**, 493–495 (2003);
received February 13, 2003

The trinuclear title compound, $C_{74}H_{88}Cl_2N_4P_4Si_4Zn_3$, is derived from a geminally substituted carbdianion. The central zinc atom shows a nearly linear coordination geometry with very short Zn-C bond lengths (average 191 pm). The peripheral metal centers of the chlorozinc moieties are chelated by the phosphanimine donors and hence are triply coordinated, thus forming a six-membered CP_2N_2Zn ring with Zn-N distances of 195 pm (average).

Key words: Geminal Carbdianions, Metathesis Reactions, Zinc