

A Zwitterionic Platinum Complex with a Carbene Ligand

Thiemo Marx, Lars Wesemann, Siegbert Hagen, and Ingo Pantenburg

Institut für Anorganische Chemie der Universität zu Köln,
Greinstraße 6, 50939 Köln, Germany

Reprint requests to Prof. L. Wesemann. Fax: 0049 221 470 4899.
E-mail: lars.wesemann@uni-koeln.de

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A new stannaborate complex of platinum is prepared from the reaction of $[Bu_3MeN]_2[trans-(Et_3Pt)_2Pt(SnB_{11}H_{11})_2]$ and 1,3-diisopropyl-4,5-dimethylimidazol-2-ylidene (dpdmiy). $[trans-(Et_3P)_2Pt(SnB_{11}H_{11})(dpdmiy)]$ has been analyzed by X-ray crystallography and NMR spectroscopy.

Key words: Borane Cluster, Platinum, Carbene Ligand