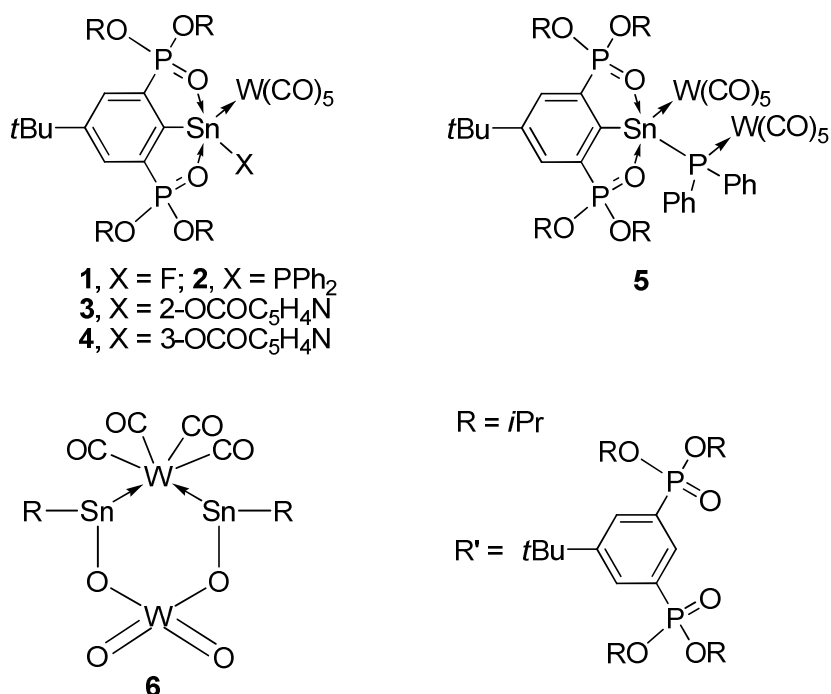


Intramolecularly Coordinated Heteroleptic Organostannylene Tungstenpenta- and tetracarbonyl Complexes: Phosphides and Carboxylates

Wagner, M., Dortmund/D, Schürmann, M., Dortmund/D, Jurkschat, K., Dortmund/D

Prof. Dr. Klaus Jurkschat, TU Dortmund, Otto-Hahn-Str. 6, 44227 Dortmund

In course of ongoing systematic studies on the synthesis, structure, and reactivity of heavy carbene-analogues^[1,2] that contain O,C,O-coordinating pincer-type ligands we present the novel transition metal-substituted compounds **1** – **6**.^[3]



All compounds are characterized by *state of the art* analytical methods.

Literature:

[1] M. Henn, M. Schürmann, B. Mahieu, P. Zanello, A. Cinquantini, K. Jurkschat, *J. Organomet. Chem.* **2006**, 691, 1560-1572. [2] M. Mehring, C. Löw, M. Schürmann, F. Uhlig, K. Jurkschat, B. Mahieu, *Organometallics* **2000**, 19, 4613-4623. [3] M. Wagner, Diploma Thesis, Technische Universität Dortmund, **2009**.