## An Internally Coordinated Metalla[14]-crown-5 System with a Pentagonal-dipyramidal Coordination Geometry of the Central Titanium Atom

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Z. Naturforsch. **59b**, 917 – 920 (2004); received March 8, 2004

Treatment of the dilithiated dibenzotetraethyleneglycol reagent  $[(o-C_6H_4OLi)-(OCH_2CH_2)_2O-(o-C_6H_4OLi)]$  (5) with  $TiCl_4 \cdot 2$  THF gave the corresponding metal complex  $[\{(o-C_6H_4O-)-(OCH_2CH_2)_2O-(o-C_6H_4O-)\}TiCl_2]$  (6). The X-ray crystal structure analysis of 6 revealed that all five oxygen atoms are located in one plane and bonded to titanium in a pentagonal-dipyramidal geometry with the two chloride ligands being oriented trans to each other in the apical positions.

Key words: Titanium Complex, Chelate Ligand, Metalla-Crown Ether, Aryloxy-Ligand