

# Bis(N-trimethylsilylamino)titanium Dichlorides Bearing Two Identical or Two Different Amino Groups

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Silylamines, Titanium, Plumbylenes, NMR Data

N-Trimethylsilylamino-titanium trichlorides,  $\text{Me}_3\text{Si}(\text{R})\text{N-TiCl}_3$  [ $\text{R} = \text{}^t\text{Bu}$  (**2a**),  $\text{SiMe}_3$  (**2b**), 9-borabicyclo[3.3.1]nonyl (9-BBN) (**2c**)] react with the corresponding plumbylenes **1a - c** or with the lithium amides  $\text{LiN}(\text{R})\text{SiMe}_3$  to give the bis(amino)titanium dichlorides **3a - c**, and **4 - 6**. The titanium dichlorides **4 - 6** are the first examples, in which the titanium atom bears two different amino groups. The compounds were characterised by a consistent set of  $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{14/15}\text{N}$  and  $^{29}\text{Si}$  NMR data.