

Reduktion eines Bis(chlorphenylphosphanyl)methylids zum entsprechenden Diphosphan und Tetraphosphan

Reduction of a Bis(chlorophenylphosphanyl)methylide
to the Corresponding Diphosphane and Tetraphosphinane

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The bis(phosphanyl)ylides $\text{Ph}_3\text{PC}(\text{PPh}_2)_2$, $\text{Ph}_3\text{PC}(\text{PPhCl})_2$ (**3**) and $\text{Ph}_3\text{PC}(\text{PCl}_2)_2$ have analogous molecular structures. Details reflect the different charge transfer from the ylide center to the phosphanyl substituents. Chlorination destroys the chirality of **3**. Reduction leads to the diphosphane **8** and the 1,2,4,5-tetraphosphinane **9** which are also included in the structural comparison.

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