**peri-Interactions in Naphthalenes, 4 [1]. Hypercoordination in 8-Dimethylamino-naphth-1-yl Phosphorus Compounds**

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Hypercoordination, Bond Length Alterations, Sub-van der Waals Interatomic Distances

In an 8-dimethylamino-naphth-1-yl-phosphorane a dative N→P bond forms in spite of the spacer properties of the naphthalene skeleton. Its “normal” length, 213.2 pm, much too short to fill the peri space, forces the C\(_{10}\) skeleton into severe distortion. In the light of these properties peri distances \(d(N-P/Si) \gg 250\) pm in 8-dimethylamino-naphth-1-yl-phosphines, -silanes etc. are recognized as evidence for steric hindrance.