Palladium(II) Complexes with Benzoxazol-2-ylidene Ligands: Crystal Structures of *trans*-Chloro(benzoxazol-2-ylidene)-bis(triphenylphosphine)palladium(II) Chloride and *cis*-Diiodo(benzoxazol-2-ylidene)(triphenylphosphine)palladium(II)

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The palladium(II) complexes *trans*-[PdCl(L)$(PPh_3)_2$]Cl, **5**, and *cis*-[PdI_2(L)PPh_3], **7**, (L = benzoxazol-2-ylidene) have been synthesized by treatment of the complexes *trans*-[$PdX_2(PPh_3)_2$] (**4**: X = Cl, **6**: X = I) with 2-(trimethylsiloxy)phenyl isocyanide **1**, and subsequent hydrolysis of the Si-O bond. The crystal structures of **5** and **7**$*CH_2Cl_2$ were established by X-ray diffraction. NMR and IR studies indicate, that the unexpected *cis*-configuration of **7** obtained from *trans*-[$PdI_2(PPh_3)_2$] is not the result of a solution equilibrium between the *cis*- and the *trans*-isomers.

Key words: Carbene Complexes, Palladium, Crystal Structures