

Axial Chirality in Square-Planar Metal Complexes

Dieter Enders^{a,*}, Heike Gielen^a, Klaus Breuer^b

^a Institut für Organische Chemie, Rheinisch-Westfälische Technische Hochschule Aachen, Professor-Pirlet-Str. 1, D-52074 Aachen, Germany

^b BASF AG, Ammoniaklaboratorium, D-67056 Ludwigshafen, Germany

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Metal complexes with a square-planar arrangement of ligands are frequently found for the late Transition Metals. The incorporation of C_1 -symmetrical planar ligands (e.g. nucleophilic carbenes) in an orientation perpendicular to the square-plane of the complex leads to various isomers which are characterized by means of an axis of chirality employing the well established *Cahn-Ingold-Prelog R/S*-nomenclature.

* Reprint requests to Prof. Dr. D. Enders. E-mail: Enders@RWTH-Aachen.de