Optically Active Transition Metal Complexes, 122 [1]. Synthesis of Palladium(II) Complexes with Schiff Base Ligands – Intramolecular Interactions

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Imines of salicyaldehyde and 2,6-diformyl-\(p\)-cresol have been used as ligands in palladium(II) complexes. Enantiomerically pure ligands give enantiomerically pure complexes, racemic ligands give racemates and \(meso\)-forms. Differences between the respective isomers of the ligands within the complexes and between the diastereomers of the complexes were investigated. Crystal structure analyses established the \(trans\) configuration at the metal center.