

stereochemistry (general, optical resolution)

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14 - 045

A Novel Chiral Phosphinediamine Ligand and Asymmetric Hydrogenation of Acrylic Acid Derivatives. — A novel chiral monophosphine ligand (CDP) is designed and applied to Rh-catalyzed asymmetric hydrogenation of acrylic acid derivatives. Enantioselectivities up to 92% e.e. can be achieved. — (YAMADA, I.; YAMAGUCHI, M.; YAMAGISHI, T.; *Tetrahedron: Asymmetry* 7 (1996) 12, 3339-3342; Dep. Ind. Chem., Fac. Eng., Tokyo Metrop. Univ., Hachioji, Tokyo 192-03, Japan; EN)

