

Alcohols

Q 0230

35- 061

DOI: 10.1002/chin.201335061

Enantioselective Activity of Substituted 5-Benzyl-2-(pyridine-2-yl)imidazolidine-4-one Ligands. — The copper(II) complexes of newly synthesized chiral ligands (I) are studied as enantioselective catalysts for the Henry reaction. Chiral nitroaldols (IV) with the opposite configuration are obtained when the corresponding diastereoisomers of ligands (I) are used (not shown). None or only poor diastereoselectivity is observed for the enantioselective Henry reaction with nitroethane. — (DRABINA*, P.; KAREL, S.; PANOV, I.; SEDLAK, M.; *Tetrahedron: Asymmetry* 24 (2013) 5-6, 334-339, <http://dx.doi.org/10.1016/j.tetasy.2013.02.007>; Inst. Org. Chem. Technol., Univ. Pardubice, CZ-532 10 Pardubice, Czech Republic; Eng.) — H. Haber

