pyridine derivatives

R 0380 29 - 165 The First Enantioselective Aza-Diels—Alder Reactions of Imino Dienophiles on Use of a Chiral Zirconium Catalyst. — The first examples of catalytic, enantioselective DA reactions of imine dienophiles with Danishefsky's dienes are reported. The free hydroxyl group of the aldimines is crucial with respect to good enantioselectivities. The additional methyl group in compound (IV) is recommended in order to avoid cis—trans isomerization of this aldimine. Absolute configurations are assigned tentatively. — (KOBAYASHI, S.; KOMIYAMA, S.; ISHITANI, H.; Angew. Chem., Int. Ed. 37 (1998) 7, 979-981; Dep. Appl. Chem., Fac. Sci., Sci. Univ. Tokyo, Shinjuku, Tokyo 162, Japan; EN)

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