

1,4-oxazine derivatives (morpholine)

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Synthesis of a Key Intermediate of Levofloxacin via Enantioselective Hydrogenation Catalyzed by Iridium(I) Complexes. — Optimized conditions are found for the hydrogenation of oxazine (I) concerning the catalytic system, the solvent, the additive, and the temperature, to furnish the desired key intermediate (II) with high yield and enantioselectivity. — (SATO, K.; INENAGA, M.; KANAI, K.; *Tetrahedron: Asymmetry* 9 (1998) 15, 2657-2662; Res. Inst., Daiichi Pharm. Co., Ltd., Edogawa, Tokyo 134, Japan; EN)

