

diphenylmethane derivatives

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Asymmetric Total Synthesis of (+)-Tolterodine, a New Muscarinic Receptor Antagonist, via Copper-Assisted Asymmetric Conjugate Addition of Aryl Grignard Reagents to 3-Phenyl-prop-2-enoyl-oxazolidinones.

— The Cu-promoted diastereoselective addition of the aryl Grignard reagent (II) to chiral 3-phenyl-prop-2-enoyl-oxazolidinones is investigated. Since the compound (I) derived from commercially available oxazolidinone gives good yields and high stereoselectivity, it is used in the synthesis of tolterodine (VII). — (ANDERSSON, PHER G.; SCHINK, HANS E.; OESTERLUND, KRISTER; *J. Org. Chem.* 63 (1998) 22, 8067-8070; *Dep. Org. Chem., Univ. Uppsala, S-751 21 Uppsala, Swed.*; EN)

