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Chemoenzymatic synthesis of highly enantiomerically enriched secondary alcohols with a thiazolic core

Tetrahedron: Asymmetry **2012**, 23, 474-481

Abstract

Stereoselective preparative enzymatic acylation and hydrolysis/methanolysis of various C-substituted *rac*-thiazol-2-yl-methanols were achieved for the preparation of enantiopure or enantiomerically enriched, naturally occurring 2-hydroxymethylthiazoles. The absolute configurations of the resulting secondary alcohols were determined by a detailed ^1H NMR study of Mosher's derivatives.

