

Enantioselective hydrolysis of δ -acetoxy- γ -lactones.

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Streszczenie

Both enantiomers of 5-(1'-acetoxy-3'-methylbutyl)-4,4-dimethyl-tetrahydrofuran-2-one **1a** have been prepared with high enantioselectivity by microbial resolution using cultures of *Fusarium solani* and *F. tricinctum*. Enantioselectivity of lipolytic activity of *F. solani* and *F. tricinctum* was tested on four homologues of δ -acetoxy- γ -lactones ($\pm$)-**1b–e**. Absolute configurations of the products were determined by spectroscopic methods (^1H NMR and CD) and an X-ray diffraction study.

Adres publiczny

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