

Title (en)

PROCESS FOR PREPARING OPTICALLY ACTIVE ALPHA-HYDROXY ACIDS AND DERIVATIVES THEREOF

Title (de)

VERFAHREN FÜR DIE HERSTELLUNG VON OPTISCH-AKTIVEN ALPHA-HYDROXY-SÄUREN UND DEREN DERIVATEN

Title (fr)

PROCEDE RELATIF A L'ELABORATION D'ACIDES ALPHA-HYDROXY OPTIQUEMENT ACTIFS, Y COMPRIS LEURS DERIVES

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Application

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Abstract (en)

[origin: WO0140153A1] The present invention provides a process for preparing optically active alpha -hydroxy acids and derivatives thereof by subjecting the alkylated 1,3-dioxolanones of formula (IV) wherein R1 and R2 are the same or different and are each independently H or C1-6 alkyl; R5 is H, C1-16 alkyl, or unsubstituted or substituted phenyl; and R6 is C1-8 alkyl, C2-7 alkenyl or unsubstituted or substituted benzyl, to either alcoholysis or hydrolysis, in which the alkylated 1,3-dioxolanones are obtained by using 10-camphorsulfonamide as a chiral auxiliary.

IPC 1-7

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