

Title (en)  
METHOD FOR PREPARING A (R)- OR (S)- FORM OF N-(2,6-DIMETHYL PHENYL) ALANINE AND A COUNTER ENANTIOMERIC FORM OF N-(2,6-DIMETHYL PHENYL) ALANINE ESTER THERETO USING ENZYME

Title (de)  
VERFAHREN ZUR DARSTELLUNG DER (R)- ODER (S)-FORM VON N-(2,6-DIMETHYLPHENYL) ALANIN UND EINER ENANTIOMEREN GEGENFORM DES N-(2,6-DIMETHYLPHENYL)ALANINESTERS DAZU UNTER VERWENDUNG VON ENZYM

Title (fr)  
METHODE DE PREPARATION D'UNE FORME A (R)- OU (S)- DE N-(2,6-DIMETHYL PHENYL) ALANINE ET D'UNE FORME CONTRE-ENANTIOMERE D'ESTER DE N-(2,6-DIMETHYL PHENYL) ALANINE S'Y RAPPORTANT UTILISANT UNE ENZYME

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Abstract (en)  
[origin: WO2004055195A1] The present invention provides methods for stereospecifically preparing (R)- or (S)-N-(2,6-dimethyl phenyl) alanine and counter ester compounds thereto using enzyme, which comprises reacting an enzyme having hydrolytic activity specific to one enantiomer of racemic (R), (S)-N-(2,6-dimethyl phenyl) alanine esters ((R)-enantiomer and (S)-enantiomer) with the racemic mixture above to obtain (R)- or (S)-N-(2,6-dimethyl phenyl) alanine by optical resolution, or extracting (S)- or (R)-N-(2,6-dimethyl phenyl) alanine ester as an unreacted compound from a reaction mixture using solvent, or esterifying a certain alanine enantiomer separated by the optical resolution with alcohol to synthesize (S)- or (R)-N-(2,6-dimethyl phenyl) alanine ester.

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