

Title (en)

METHOD OF RACEMISATION OF UNDESIRE ENANTIOMERS

Title (de)

VERFAHREN ZUR RACEMISIERUNG UNERWÜNSCHTER ENANTIOMERE

Title (fr)

PROCÉDÉ DE RACÉMISATION D'ÉNANTIOMÈRES INDÉSIRABLES

Publication

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Application

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Abstract (en)

[origin: WO2015007897A1] The present invention provides a very simple, efficient and economic technology for racemisation of amines, alcohols or thioalcohols where the chiral carbon (benzylic position) is located at the  $\beta$ -position of the heteroatom (amino, hydroxyl or mercapto group) or even more distant therefrom. Special focus is oriented in efficient and simple racemisation of an undesired enantiomer of a chiral pharmaceutically active ingredient, preferably lorcaserin or a salt thereof, preferably the hydrochloride salt thereof. The approach according to the invention enables a use of cheaper and shorter racemic synthetic schemes not requiring expensive and toxic reagents and catalysts. Present methodology enables industrial convenient process.

IPC 8 full level

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