

Title (en)

METHOD FOR THE ENZYMATIC REDUCTION OF ALPHA- AND BETA-DEHYDROAMINO ACIDS

Title (de)

VERFAHREN ZUR ENZYMATISCHEN REDUKTION VON ALPHA- UND BETA-DEHYDROAMINOSÄUREN

Title (fr)

PROCÉDÉ DE RÉDUCTION ENZYMATIQUE D'ALPHA- ET DE BÊTA-DÉHYDROAMINOACIDES

Publication

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Application

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Abstract (en)

[origin: WO2009074524A2] The invention relates to a method for production of amino acids of general formula (3) or (4) from alpha-dehydroamino acids of general formula (1) or (2), where R1 and R2 independently = H, C1-C6 alkyl, C2-C6 alkenyl, optionally substituted carbo- or heterocyclic, aromatic or non-aromatic or alkylaryl, or a carboxyl ( -COOR) group, R3 = H, formyl, acetyl, propionyl, benzyl, benzyloxycarbonyl, BOC, or Alloc and R = H, C1-C6 alkyl or aryl, by reduction of a compound of formula (1) or (2) in the presence of a reductase.

IPC 8 full level

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