

Title (en)
USE OF MALATE DEHYDROGENASE FOR NADH REGENERATION

Title (de)
VERWENDUNG VON MALAT DEHYDROGENASE FÜR DIE REGENERIERUNG VON NADH

Title (fr)
UTILISATION DE MALATE DESHYDROGENASE POUR LA REGENERATION DE NICOTINANIDE ADENINE DINUCLEOTIDE HYDROGENE (NADH)

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Abstract (en)
[origin: CA2497499A1] The present invention relates to a process for the preparation of enantiomerically enriched organic compounds. In particular, the present invention relates to an enzymatically operating process, in which, in a coupled enzymatic reaction system, NAD(P)H is consumed by one enzyme for the preparation of the organic compound and the NAD(P)H is simultaneously regenerated by a second enzyme system. A reaction system which operates according to the invention in this manner and an advantageous whole cell catalyst are also proposed.

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