METHOD FOR PRODUCING L-AMINO ACID

ABSTRACT

The present invention relates to a method for producing an L-amino acid by reacting an enantiomeric mixture of an N-succinyl amino acid with L-succinylase in the presence of N-acylamino acid racemase to specifically hydrolyze the L-form. In particular, the present invention relates to a method for producing an L-amino acid in high yield by using an N-succinyl amino acid whose dissolved concentration is particularly low as a raw material to perform a reaction while precipitating the produced L-amino acid out of the reaction system. The present invention enables efficient production of an L-amino acid having high optical purity, particularly an L-amino acid useful as a raw material for products such as pharmaceutical products and agricultural chemicals.

No suitable figure

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