

METHOD FOR PRODUCING L-AMINO ACID

ABSTRACT

5 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
10 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
15 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.

20 No suitable figure