Document Name: Abstract

(Purpose) To provide an efficient process for producing D-α-amino acids.

(Construction) A process for the production of a D-amino acid from a DL-5-substituted hydantoin which comprises using a composite immobilized enzyme obtained by immobilizing a hydantoinase and decarbamylase on an immobilizing support, simultaneously.

(Effect) One-step reaction can be carried out simpler and more convenient than a conventional process.

Selected Figure: Non