

glutamin-(asparagin-)ase

Cat. No. EXWM-4426

Lot. No. (See product label)

Introduction

Description

The enzyme from the bacterium *Achromobacter* hydrolyses L-asparagine at 0.8 of the rate of L-glutamine; the D-isomers are also hydrolysed, but more slowly. cf. EC 3.5.1.2, glutaminase and EC 3.5.1.1, asparaginase.

Synonyms

glutaminase-asparaginase; ansB (gene name); L-asparagine/L-glutamine amidohydrolase; L-ASNase/L-GLNase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.38

CAS No.

39335-03-0

Reaction

(1) L-glutamine + H₂O = L-glutamate + NH₃; (2) L-asparagine + H₂O = L-aspartate + NH₃

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.