

dihydroorotase

Cat. No. EXWM-4505

Lot. No. (See product label)

Introduction

Description

Dihydroorotase (EC 3.5.2.3, carbamoylaspartic dehydrase, dihydroorotate hydrolase) is an enzyme which converts carbamoyl aspartic acid into 4,5-dihydroorotic acid in the biosynthesis of pyrimidines. It forms a multifunctional enzyme with carbamoyl phosphate synthetase and aspartate transcarboamylase.

Synonyms

carbamoylaspartic dehydrase; dihydroorotate hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.2.3

CAS No.

9024-93-5

Reaction

(S)-dihydroorotate + H₂O = N-carbamoyl-L-aspartate

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.