

## 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 transcarboxylase.

**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 + H<sub>2</sub>O = 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.