

3-cyanoalanine hydratase

Cat. No. EXWM-5050

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of lyases, specifically the hydro-lyases, which cleave carbon-oxygen bonds. This enzyme participates in cyanoamino acid metabolism.

Synonyms

β-cyanoalanine hydrolase; β-cyanoalanine hydratase; β-CNAIa hydrolase; β-CNA nitrilase; L-asparagine hydro-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.65

CAS No.

37259-64-6

Reaction

L-asparagine = 3-cyanoalanine + H₂O

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.