Creative Enzymes®

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-CNAla 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.