Creative Enzymes®

4-methyleneglutaminase

Cat. No. EXWM-4457

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is 4-methylene-L-glutamine amidohydrolase. Other names in common use include 4-methyleneglutamine deamidase, and 4-methyleneglutamine amidohydrolase. This enzyme participates in c5-branched dibasic acid metabolism.
Synonyms	4-methyleneglutamine deamidase; 4-methyleneglutamine amidohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.67
CAS No.	86855-36-9
Reaction	4-methylene-L-glutamine + H2O = 4-methylene-L-glutamate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.