

## 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 + H<sub>2</sub>O = 4-methylene-L-glutamate + NH<sub>3</sub>

#### 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.