

## 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.