

## pyrithiamine deaminase

Cat. No. EXWM-4547

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 cyclic amidines.

#### Synonyms

1-(4-amino-2-methylpyrimid-5-ylmethyl)-3-( $\beta$ -hydroxyethyl)-2-methylpyridinium-bromide aminohydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.4.20

#### CAS No.

37289-23-9

#### Reaction

1-(4-amino-2-methylpyrimid-5-ylmethyl)-3-(2-hydroxyethyl)-2-methylpyridinium + H<sub>2</sub>O = 1-(4-hydroxy-2-methylpyrimid-5-ylmethyl)-3-(2-hydroxyethyl)-2-methylpyridinium + 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.