Creative Enzymes®

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-(β-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 + H2O = 1-(4-hydroxy-2-methylpyrimid-5-ylmethyl)-3-(2-hydroxyethyl)-2-methylpyridinium + 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 ℃.