Creative Enzymes®

methenyltetrahydromethanopterin cyclohydrolase

Cat. No. EXWM-4554

Lot. No. (See product label)

Introduction

Description	Methanopterin is a pterin analogue. The enzyme is involved in the formation of methane from CO2 in Methanobacterium thermoautotrophicum.
Synonyms	5,10-methenyltetrahydromethanopterin cyclohydrolase; N5,N10-methenyltetrahydromethanopterin cyclohydrolase; methenyl-H4MPT cyclohydrolase; 5,10-methenyltetrahydromethanopterin 10-hydrolase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.27
CAS No.	99533-50-3
Reaction	5,10-methenyl-5,6,7,8-tetrahydromethanopterin + H2O = 5-formyl-5,6,7,8-tetrahydromethanopterin
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 ℃.