Creative Enzymes®

methylenetetrahydromethanopterin dehydrogenase

Cat. No. EXWM-1564

Lot. No. (See product label)

Introduction

Description	Coenzyme F420 is a 7,8-didemethyl-8-hydroxy-5-deazariboflavin derivative; methanopterin is a pterin analogue. The enzyme is involved in the formation of methane from CO2 in the methanogen Methanothermobacter thermautotrophicus.
Synonyms	N5,N10-methylenetetrahydromethanopterin dehydrogenase; 5,10-methylenetetrahydromethanopterin dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.98.1
CAS No.	100357-01-5
Reaction	5,10-methylenetetrahydromethanopterin + oxidized coenzyme F420 = 5,10-methenyltetrahydromethanopterin + reduced coenzyme F420
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 ℃.