Creative Enzymes®

methenyltetrahydrofolate cyclohydrolase

Cat. No. EXWM-4577

Lot. No. (See product label)

Introduction

Description	In eukaryotes, the enzyme occurs as a trifunctional enzyme that also has methylenetetrahydrofolate dehydrogenase (NADP+) (EC 1.5.1.5) and formate-tetrahydrofolate ligase (EC 6.3.4.3) activity. In some prokaryotes, it occurs as a bifunctional enzyme that also has dehydrogenase (EC 1.5.1.5) activity or formimidoyltetrahydrofolate cyclodeaminase (EC 4.3.1.4) activity.
Synonyms	Citrovorum factor cyclodehydrase; cyclohydrolase; formyl-methenyl-methylenetetrahydrofolate synthetase (combined); 5,10-methenyltetrahydrofolate 5-hydrolase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.9
CAS No.	9027-97-8
Reaction	5,10-methenyltetrahydrofolate + H2O = 10-formyltetrahydrofolate
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 ℃.