

deoxycytidylate 5-hydroxymethyltransferase

Cat. No. EXWM-2009

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases that transfer one-carbon groups, specifically the hydroxymethyl-, formyl- and related transferases. This enzyme participates in pyrimidine metabolism and one carbon pool by folate.

Synonyms

dCMP hydroxymethylase; d-cytidine 5'-monophosphate hydroxymethylase; deoxyCMP hydroxymethylase; deoxycytidylate hydroxymethylase; deoxycytidylic hydroxymethylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.2.8

CAS No.

9012-68-4

Reaction

5,10-methylenetetrahydrofolate + H₂O + deoxycytidylate = tetrahydrofolate + 5-hydroxymethyldeoxycytidylate

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.