

5-formyltetrahydrofolate cyclo-ligase

Cat. No. EXWM-5774

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of ligases, specifically the cyclo-ligases, which form carbon-nitrogen bonds. This enzyme participates in one carbon pool by folate.

Synonyms

5,10-methenyltetrahydrofolate synthetase; formyltetrahydrofolic cyclodehydrase; 5-formyltetrahydrofolate cyclodehydrase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.3.2

CAS No.

37318-64-2

Reaction

ATP + 5-formyltetrahydrofolate = ADP + phosphate + 5,10-methenyltetrahydrofolate

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.