

tetrahydrosarcinapterin synthase

Cat. No. EXWM-5750

Lot. No. (See product label)

Introduction

Description

This enzyme catalyses the biosynthesis of 5,6,7,8-tetrahydrosarcinapterin, a modified form of tetrahydromethanopterin found in the Methanosarcinales. It does not require K⁺, and does not discriminate between ATP and GTP.

Synonyms

H4MPT:α-L-glutamate ligase; MJ0620; MptN protein

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.2.33

Reaction

ATP + tetrahydromethanopterin + L-glutamate = ADP + phosphate + 5,6,7,8-tetrahydrosarcinapterin

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.