

## methenyltetrahydromethanopterin cyclohydrolase

Cat. No. EXWM-4554

Lot. No. (See product label)

### Introduction

#### Description

Methanopterin is a pterin analogue. The enzyme is involved in the formation of methane from CO<sub>2</sub> in *Methanobacterium thermoautotrophicum*.

#### Synonyms

5,10-methenyltetrahydromethanopterin cyclohydrolase; N<sup>5</sup>,N<sup>10</sup>-methenyltetrahydromethanopterin cyclohydrolase; methenyl-H<sub>4</sub>MPT cyclohydrolase; 5,10-methenyltetrahydromethanopterin 10-hydrolase (decyclizing)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.4.27

#### CAS No.

99533-50-3

#### Reaction

5,10-methenyl-5,6,7,8-tetrahydromethanopterin + H<sub>2</sub>O = 5-formyl-5,6,7,8-tetrahydromethanopterin

#### 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.