

5,10-methylenetetrahydromethanopterin reductase

Cat. No. EXWM-1565

Lot. No. (See product label)

Introduction

Description

Catalyses an intermediate step in methanogenesis from CO₂ and H₂ in methanogenic archaea.

Synonyms

5,10-methylenetetrahydromethanopterin cyclohydrolase; N₅,N₁₀-methylenetetrahydromethanopterin reductase; methylene-H₄MPT reductase; coenzyme F₄₂₀-dependent N₅,N₁₀-methenyltetrahydromethanopterin reductase; N₅,N₁₀-methylenetetrahydromethanopterin:coenzyme-F₄₂₀ oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.98.2

Reaction

5-methyltetrahydromethanopterin + oxidized coenzyme F₄₂₀ = 5,10-methylenetetrahydromethanopterin + reduced coenzyme F₄₂₀

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.