

formylmethanofuran dehydrogenase

Cat. No. EXWM-1233

Lot. No. (See product label)

Introduction

Description

A molybdoprotein containing a pterin cofactor. Tungstate can substitute for molybdate. The enzyme catalyses a reversible reaction in methanogenic bacteria, and is involved in methanogenesis from CO₂ as well as the oxidation of methyl-coenzyme M to CO₂. Methyl viologen can act as acceptor. Also oxidizes N-furfurylformamide.

Synonyms

formylmethanofuran:(acceptor) oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.99.5

CAS No.

119940-12-4

Reaction

formylmethanofuran + H₂O + acceptor = CO₂ + methanofuran + reduced acceptor

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.