Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.