

methane monooxygenase (soluble)

Cat. No. EXWM-0833

Lot. No. (See product label)

Introduction

Description

The enzyme is soluble, in contrast to the particulate enzyme, EC 1.14.18.3. Broad specificity; many alkanes can be hydroxylated, and alkenes are converted into the corresponding epoxides; CO is oxidized to CO₂, ammonia is oxidized to hydroxylamine, and some aromatic compounds and cyclic alkanes can also be hydroxylated, but more slowly.

Synonyms

methane hydroxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.25

CAS No.

51961-97-8

Reaction

methane + NAD(P)H + H⁺ + O₂ = methanol + NAD(P)⁺ + H₂O

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.