

long-chain alkane monooxygenase

Cat. No. EXWM-0925

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Geobacillus thermodenitrificans* NG80-2, is capable of converting alkanes ranging from C15 to C36 into their corresponding primary alcohols. The FMNH₂ cofactor is provided by an FMN reductase.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.14.28

Reaction a long-chain alkane + FMNH₂ + O₂ = a long-chain primary alcohol + FMN + 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.