Creative Enzymes®

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