Creative Enzymes®

alkane 1-monooxygenase

Cat. No. EXWM-0946

Lot. No. (See product label)

Introduction

Description	Some enzymes in this group are heme-thiolate proteins (P-450). Also hydroxylates fatty acids in the ω-position.
Synonyms	alkane 1-hydroxylase; ω-hydroxylase; fatty acid ω-hydroxylase; alkane monooxygenase; 1-hydroxylase; alkane hydroxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.15.3
CAS No.	9059-16-9
Reaction	octane + 2 reduced rubredoxin + O2 + 2 H+ = 1-octanol + 2 oxidized rubredoxin + 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 ℃.