

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