Creative Enzymes®

N6-methyl-lysine oxidase

Cat. No. EXWM-1551

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH group of donors with oxygen as acceptor.
Synonyms	ε-alkyl-L-lysine:oxygen oxidoreductase N6-methyllysine oxidase; ε-N-methyllysine demethylase; ε-alkyllysinase; 6-N-methyl-L-lysine:oxygen oxidoreductase (demethylating)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.3.4
CAS No.	37256-28-3
Reaction	N6-methyl-L-lysine + H2O + O2 = L-lysine + formaldehyde + H2O2
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 ℃.