

## 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

$\epsilon$ -alkyl-L-lysine:oxygen oxidoreductase N6-methyllysine oxidase;  $\epsilon$ -N-methyllysine demethylase;  $\epsilon$ -alkyllysine; 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

$\text{N6-methyl-L-lysine} + \text{H}_2\text{O} + \text{O}_2 = \text{L-lysine} + \text{formaldehyde} + \text{H}_2\text{O}_2$

#### 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.