

## trimethyllysine dioxygenase

Cat. No. EXWM-0676

Lot. No. (See product label)

### Introduction

#### Description

Requires Fe<sup>2+</sup> and ascorbate.

#### Synonyms

trimethyllysine  $\alpha$ -ketoglutarate dioxygenase; TML- $\alpha$ -ketoglutarate dioxygenase; TML hydroxylase; 6-N,6-N,6-N-trimethyl-L-lysine,2-oxoglutarate:oxygen oxidoreductase (3-hydroxylating)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.11.8

#### CAS No.

74622-49-4

#### Reaction

N6,N6,N6-trimethyl-L-lysine + 2-oxoglutarate + O<sub>2</sub> = 3-hydroxy-N6,N6,N6-trimethyl-L-lysine + succinate + CO<sub>2</sub>

#### 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.