

trimethyllysine dioxygenase

Cat. No. EXWM-0676

Lot. No. (See product label)

Introduction

Description

Requires Fe²⁺ and ascorbate.

Synonyms

trimethyllysine α-ketoglutarate dioxygenase; TML-α-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 + O₂ = 3-hydroxy-N6,N6,N6-trimethyl-L-lysine + succinate + CO₂

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.