

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.