

3-methyl-L-tyrosine peroxygenase

Cat. No. EXWM-0516

Lot. No. (See product label)

Introduction

Description

The heme-containing peroxygenase from the bacterium *Streptomyces lavendulae* is involved in biosynthesis of saframycin A, a potent antitumor antibiotic that belongs to the tetrahydroisoquinoline family.

Synonyms

SfmD; SacD; 3-methyltyrosine peroxidase; 3-methyl-L-tyrosine peroxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.11.2.5

Reaction

3-methyl-L-tyrosine + H₂O₂ = 3-hydroxy-5-methyl-L-tyrosine + H₂O

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.