

(S)-limonene 3-monooxygenase

Cat. No. EXWM-0853

Lot. No. (See product label)

Introduction

Description

High specificity, but NADH can act instead of NADPH, although more slowly. A heme-thiolate protein (P-450).

Synonyms

(-)-limonene 3-hydroxylase; (-)-limonene 3-monooxygenase; (-)-limonene,NADPH:oxygen oxidoreductase (3-hydroxylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.47

CAS No.

138066-92-9

Reaction

(S)-limonene + NADPH + H⁺ + O₂ = (-)-trans-isopiperitenol + NADP⁺ + 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.