

(R)-limonene 6-monooxygenase

Cat. No. EXWM-0888

Lot. No. (See product label)

Introduction

Description

The reaction is stereospecific with over 95% yield of (+)-trans-carveol from (R)-limonene. (S)-Limonene, the substrate for EC 1.14.13.48, (S)-limonene 6-monooxygenase, is not a substrate. Forms part of the carvone biosynthesis pathway in *Carum carvi* (caraway) seeds.

Synonyms

(+)-limonene-6-hydroxylase; (+)-limonene 6-monooxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.80

CAS No.

221461-49-0

Reaction

(R)-limonene + NADPH + H⁺ + O₂ = (+)-trans-carveol + 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.