

(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.