Creative Enzymes®

(S)-limonene 7-monooxygenase

Cat. No. EXWM-0855

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 7-monooxygenase; (-)-limonene hydroxylase; (-)-limonene monooxygenase; (-)-limonene,NADPH:oxygen oxidoreductase (7-hydroxylating)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.49

CAS No. 122653-75-2

Reaction (S)-limonene + NADPH + H+ + O2 = (-)-perillyl alcohol + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.