

## (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<sup>+</sup> + O<sub>2</sub> = (-)-perillyl alcohol + NADP<sup>+</sup> + H<sub>2</sub>O

#### 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.