

## 4-hydroxymandelate oxidase (decarboxylating)

Cat. No. EXWM-0401

Lot. No. (See product label)

### Introduction

#### Description

A flavoprotein (FAD), requires  $Mn^{2+}$ . The enzyme from the bacterium *Pseudomonas putida* is involved in the degradation of mandelate.

#### Synonyms

L-4-hydroxymandelate oxidase (decarboxylating); (S)-2-hydroxy-2-(4-hydroxyphenyl)acetate:oxygen 1-oxidoreductase; (S)-4-hydroxymandelate:oxygen 1-oxidoreductase; 4-hydroxymandelate oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.3.19

#### CAS No.

60976-30-9

#### Reaction

(S)-4-hydroxymandelate +  $O_2$  = 4-hydroxybenzaldehyde +  $CO_2$  +  $H_2O_2$

#### 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.