

4-hydroxymandelate oxidase

Cat. No. EXWM-0419

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FMN). The enzyme from the bacterium *Amycolatopsis orientalis* is involved in the biosynthesis of L-(4-hydroxyphenyl)glycine and L-(3,5-dihydroxyphenyl)glycine, two non-proteinogenic amino acids occurring in the vancomycin group of antibiotics.

Synonyms

4HmO; HmO

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.3.46

Reaction

(S)-4-hydroxymandelate + O₂ = 2-(4-hydroxyphenyl)-2-oxoacetate + H₂O₂

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.