

1-deoxypentalenic acid 11 β -hydroxylase

Cat. No. EXWM-0653

Lot. No. (See product label)

Introduction

Description

The enzyme requires Fe(II) and ascorbate. Isolated from the bacterium *Streptomyces avermitilis*. Part of the pathway for pentalenolactone biosynthesis.

Synonyms

ptlH (gene name); sav2991 (gene name); pntH (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.11.35

Reaction

1-deoxypentalenate + 2-oxoglutarate + O₂ = 1-deoxy-11 β -hydroxypentalenate + succinate + CO₂

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.