

1-deoxy-11 β -hydroxypentalenate dehydrogenase

Cat. No. EXWM-0255

Lot. No. (See product label)

Introduction

Description

Isolated from the bacterium *Streptomyces avermitilis* and present in many other *Streptomyces* species. Part of the pathway for pentalenolactone biosynthesis.

Synonyms

1-deoxy-11 β -hydroxypentalenic acid dehydrogenase; ptlF (gene name); penF (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.340

Reaction

1-deoxy-11 β -hydroxypentalenate + NAD⁺ = 1-deoxy-11-oxopentalenate + NADH + H⁺

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.