

pentalenene synthase

Cat. No. EXWM-5231

Lot. No. (See product label)

Introduction

Description

Isolated from *Streptomyces avermitilis*. The enzyme is involved in the biosynthesis of pentalenolactone and related antibiotics. The 9si hydrogen of farnesyl diphosphate undergoes a 1,2-hydride shift where it becomes the 1 α hydrogen of pentalenene.

Synonyms

pentalenene synthetase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.7

CAS No.

90597-46-9

Reaction

(2E,6E)-farnesyl diphosphate = pentalenene + diphosphate

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.