

β-copaene synthase

Cat. No. EXWM-5140

Lot. No. (See product label)

Introduction

Description

Isolated from the fungus *Coprinus cinereus*. The enzyme also forms (+)-Δ-cadinene, β-cubebene, (+)-sativene and traces of several other sesquiterpenoids. β-Copaene is formed in the presence of Mg²⁺ but not Mn²⁺. See EC 4.2.3.13, (+)-Δ-cadinene synthase, EC 4.2.3.128, β-cubebene synthase, and EC 4.2.3.129, (+)-sativene synthase.

Synonyms

cop4

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.127

Reaction

(2E,6E)-farnesyl diphosphate = β-copaene + 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.