

7-epi-sesquithujene synthase

Cat. No. EXWM-5112

Lot. No. (See product label)

Introduction

Description

The enzyme from Zea mays, variety B73, gives mainly 7-epi-sesquithujene with (S)- β -bisabolene and traces of other sesquiterpenoids, cf. EC 4.2.3.55 (S)- β -bisabolene synthase. It requires Mg²⁺ or Mn²⁺. The product ratio is dependent on which metal ion is present. 7-epi-Sesquithujene is an attractant for the emerald ash borer beetle.

Synonyms

TPS4-B73

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.101

Reaction

(2E,6E)-farnesyl diphosphate = 7-epi-sesquithujene + 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.