Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.