Creative Enzymes®

sesquithujene synthase

Cat. No. EXWM-5113

Lot. No. (See product label)

Introduction

Description	The enzyme from Zea mays, variety Delprim, gives mainly sesquithujene with (S)-β-bisabolene and (E)-β-farnesene plus traces of other sesquiterpenoids, cf. EC 4.2.3.55 [(S)-β-bisabolene synthase] and EC 4.2.3.47 (β-farnesene synthase). It requires Mg2+ or Mn2+. The exact product ratio is dependent on which metal ion is present.
Synonyms	TPS5-Del1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.102
Reaction	(2E,6E)-farnesyl diphosphate = 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 ℃.