

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