

(S)- β -bisabolene synthase

Cat. No. EXWM-5215

Lot. No. (See product label)

Introduction

Description The synthesis of (S)- β -macrocarpene from (2E,6E)-farnesyl diphosphate proceeds in two steps. The first step is the cyclization to (S)- β -bisabolene. The second step is the isomerization to (S)- β -macrocarpene (cf. EC 5.5.1.17, (S)- β -macrocarpene synthase). The enzyme requires Mg²⁺ or Mn²⁺ for activity.

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.3.55

Reaction (2E,6E)-farnesyl diphosphate = (S)- β -bisabolene + 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.