Creative Enzymes®

(S)-β-macrocarpene synthase

Cat. No. EXWM-5618

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 (cf. EC 4.2.3.55, (S)-β-bisabolene synthase). The second step is the isomerization to (S)-β-macrocarpene.
Synonyms	TPS6; TPS11; (S)-β-macrocarpene lyase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.5.1.17
Reaction	(S)-β-bisabolene = (S)-β-macrocarpene
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 ℃.