Creative Enzymes®

(Z)-γ-bisabolene synthase

Cat. No. EXWM-5199

Lot. No. (See product label)

Introduction

Description	This sesquiterpenoid enzyme is constitutively expressed in the root, hydathodes and stigma of the plant Arabidopsis thaliana. If the leaves of the plant are wounded, e.g. by cutting, the enzyme is also induced close to the wound site. The sesquiterpenoids (E)-nerolidol and α-bisabolol are also produced by this enzyme as minor products.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.40
Reaction	(2E,6E)-farnesyl diphosphate = (Z)-γ-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.