Creative Enzymes®

epi-isozizaene synthase

Cat. No. EXWM-5195

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ for activity. The displacement of the diphosphate group of farnesyl diphosphate occurs with retention of configuration. In the soil-dwelling bacterium Streptomyces coelicolor A3(2), the product of this reaction is used by EC 1.14.13.106, epi-isozizaene 5-monooxygenase, to produce the sesquiterpene antibiotic albaflavenone.
Synonyms	SCO5222 protein

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.37
Reaction	(2E,6E)-farnesyl diphosphate = (+)-epi-isozizaene + 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 ℃.