Creative Enzymes®

pentalenene synthase

Cat. No. EXWM-5231

Lot. No. (See product label)

Introduction

Description	Isolated from Streptomyces avermitilis. The enzyme is involved in the biosynthesis of pentalenolactone and related antibiotics. The 9si hydrogen of farnesyl diphosphate undergoes a 1,2-hydride shift where it becomes the 1α hydrogen of pentalenene.
Synonyms	pentalenene synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.7
CAS No.	90597-46-9
Reaction	(2E,6E)-farnesyl diphosphate = pentalenene + 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 ℃.