Creative Enzymes®

terpentetriene synthase

Cat. No. EXWM-5194

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ for maximal activity but can use Mn2+, Fe2+ or Co2+ to a lesser extent. Following on from EC 5.5.1.15, terpentedienyl-diphosphate synthase, this enzyme completes the transformation of geranylgeranyl diphosphate (GGDP) into terpentetriene, which is a precursor of the diterpenoid antibiotic terpentecin. Farnesyl diphosphate can also act as a substrate.
Synonyms	Cyc2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.36
Reaction	terpentedienyl diphosphate = terpentetriene + 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 ℃.