

terpentetriene synthase

Cat. No. EXWM-5194

Lot. No. (See product label)

Introduction

Description Requires Mg^{2+} for maximal activity but can use Mn^{2+} , Fe^{2+} or Co^{2+} to a lesser extent. Following on from EC 5.5.1.15, terpenedienyl-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 terpenedienyl 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.