

## terpentetriene synthase

Cat. No. EXWM-5194

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup> for maximal activity but can use Mn<sup>2+</sup>, Fe<sup>2+</sup> or Co<sup>2+</sup> 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.