

## 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.