

## lavandulyl diphosphate synthase

Cat. No. EXWM-2806

Lot. No. (See product label)

### Introduction

#### Description

Lavandulyl diphosphate is a monoterpene with a non-head-to-tail linkage. It is unlike most monoterpenoids, which are derived from geranyl diphosphate and have isoprene units that are linked head-to-tail. When this enzyme is incubated with dimethylallyl diphosphate and isopentenyl diphosphate, it also forms the regular monoterpene geranyl diphosphate. The enzyme from *Artemisia tridentata* (big sagebrush) forms both lavandulyl diphosphate and chrysanthemyl diphosphate (see EC 2.5.1.67, chrysanthemyl diphosphate synthase) when dimethylallyl diphosphate is the sole substrate.

#### Synonyms

FDS-5

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.5.1.69

#### Reaction

2 dimethylallyl diphosphate = diphosphate + lavandulyl 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.