

## (-)- $\Delta$ -cadinene synthase

Cat. No. EXWM-5261

Lot. No. (See product label)

### Introduction

#### Description

The cyclization mechanism involves an intermediate nerolidyl diphosphate leading to a helminthogermacradienyl cation. Following a 1,3-hydride shift of the original 1-pro-S hydrogen of (2E,6E)-farnesyl diphosphate, cyclization and deprotonation gives (-)- $\Delta$ -cadinene.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.3.97

**Reaction** (2E,6E)-farnesyl diphosphate = (-)- $\Delta$ -cadinene + 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.