

## ent-cassa-12,15-diene synthase

Cat. No. EXWM-5185

Lot. No. (See product label)

### Introduction

#### Description

This class I diterpene cyclase produces ent-cassa-12,15-diene, a precursor of the rice phytoalexins (-)-phytocassanes A-E. Phytoalexins are diterpenoid secondary metabolites that are involved in the defense mechanism of the plant, and are produced in response to pathogen attack through the perception of elicitor signal molecules such as chitin oligosaccharide, or after exposure to UV irradiation.

#### Synonyms

OsDTC1; OsKS7

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.3.28

#### Reaction

ent-copalyl diphosphate = ent-cassa-12,15-diene + 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.