

(3R,6E)-nerolidol synthase

Cat. No. EXWM-5208

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses a step in the formation of (3E)-4,8-dimethylnona-1,3,7-triene, a key signal molecule in induced plant defense mediated by the attraction of enemies of herbivores. Nerolidol is a naturally occurring sesquiterpene found in the essential oils of many types of plants.

Synonyms

terpene synthase 1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.49

Reaction

(2E,6E)-farnesyl diphosphate + H₂O = (3R,6E)-nerolidol + 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.