Creative Enzymes®

(3S,6E)-nerolidol synthase

Cat. No. EXWM-5207

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	(E)-nerolidol synthase; nerolidol synthase; (3S)-(E)-nerolidol synthase; FaNES1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.48
Reaction	(2E,6E)-farnesyl diphosphate + H2O = (3S,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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.