Creative Enzymes®

sclareol synthase

Cat. No. EXWM-5155

Lot. No. (See product label)

Introduction

Description	Isolated from the plant Salvia sclarea (clary sage). Originally thought to be synthesized in one step from geranylgeranyl diphosphate it is now known to require two enzymes, EC 4.2.1.133, copal-8-ol diphosphate synthase and EC 4.2.3.141, sclareol synthase. Sclareol is used in perfumery.
Synonyms	SS

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.141
Reaction	(13E)-8α-hydroxylabd-13-en-15-yl diphosphate + H2O = sclareol + 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 ℃.