

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)-8 α -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.