

S-linalool synthase

Cat. No. EXWM-5182

Lot. No. (See product label)

Introduction

Description

Requires Mn^{2+} or Mg^{2+} for activity. Neither (S)- nor (R)-linalyl diphosphate can act as substrate for the enzyme from the flower *Clarkia breweri*. Unlike many other monoterpene synthases, only a single product, (3S)-linalool, is formed.

Synonyms

LIS; Lis; 3S-linalool synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.25

CAS No.

160477-81-6

Reaction

geranyl diphosphate + H_2O = (3S)-linalool + 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.