Creative Enzymes®

S-linalool synthase

Cat. No. EXWM-5182

Lot. No. (See product label)

Introduction

Description	Requires Mn2+ or Mg2+ 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 + H2O = (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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.