

α-terpinene synthase

Cat. No. EXWM-5127

Lot. No. (See product label)

Introduction

Description

The enzyme has been characterized from *Dysphania ambrosioides* (American wormseed). Requires Mg²⁺. Mn²⁺ is less effective. The enzyme will also use (3R)-linalyl diphosphate. The reaction involves a 1,2-hydride shift. The 1-pro-S hydrogen of geranyl diphosphate is lost.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.115

Reaction

geranyl diphosphate = α-terpinene + 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.