Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.