Creative Enzymes®

(4S)-β-phellandrene synthase (geranyl-diphosphate-cyclizing)

Cat. No. EXWM-5212

Lot. No. (See product label)

Introduction

Description	Requires Mn2+. Mg2+ is not effective. Some (-)-α-phellandrene is also formed. The reaction involves a 1,3-hydride shift.
Synonyms	phellandrene synthase; (-)-β-phellandrene synthase;(-)-(4S)-β-phellandrene synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.52
CAS No.	137010-34-5
Reaction	geranyl diphosphate = (4S)-β-phellandrene + 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 ℃.