

(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 °C for short term. For long term storage, store it at -20 °C~-80 °C.