

taxadiene synthase

Cat. No. EXWM-5173

Lot. No. (See product label)

Introduction

Description

This is the committed step in the biosynthesis of the diterpenoid antineoplastic drug Taxol (paclitaxel). The cyclization involves a 1,5-hydride shift.

Synonyms

geranylgeranyl-diphosphate diphosphate-lyase (cyclizing, taxadiene-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.17

CAS No.

169277-52-5

Reaction

geranylgeranyl diphosphate = taxa-4,11-diene + 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.