

copalyl diphosphate synthase

Cat. No. EXWM-5613

Lot. No. (See product label)

Introduction

Description In some plants, such as *Salvia miltiorrhiza*, this enzyme is monofunctional. In other plants this activity is often a part of a bifunctional enzyme. For example, in *Selaginella moellendorffii* this activity is catalysed by a bifunctional enzyme that also catalyses EC 4.2.3.131, miltiradiene synthase, while in the tree *Abies grandis* (grand fir) it is catalysed by a bifunctional enzyme that also catalyses EC 4.2.3.18, abietadiene synthase.

Synonyms (+)-copalyl-diphosphate lyase (decyclizing)

Product Information

Form Liquid or lyophilized powder

EC Number EC 5.5.1.12

CAS No. 157972-08-2

Reaction geranylgeranyl diphosphate = (+)-copalyl 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.