Creative Enzymes®

levopimaradiene synthase

Cat. No. EXWM-5190

Lot. No. (See product label)

Introduction

Description	In Ginkgo, the enzyme catalyses the initial cyclization step in the biosynthesis of ginkgolides, a structurally unique family of diterpenoids that are highly specific platelet-activating-factor receptor antagonists. Levopimaradiene is widely distributed in higher plants. In some species the enzyme also forms abietadiene, palustradiene, and neoabietadiene.
Synonyms	PtTPS-LAS; LPS; copalyl-diphosphate diphosphate-lyase [abieta-8(14),12-diene-forming]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.32
Reaction	(+)-copalyl diphosphate = abieta-8(14),12-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.