

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