

Δ -guaiene synthase

Cat. No. EXWM-5257

Lot. No. (See product label)

Introduction

Description

Requires Mg²⁺. In *Aquilaria crassna* three clones of the enzyme gave about 80% Δ -guaiene and 20% α -guaiene (see also EC 4.2.3.87). A fourth clone gave 54% Δ -guaiene and 45% α -guaiene. The enzyme from *Pogostemon cablin* gives 13% Δ -guaiene as well as 37% (-)-patchoulol (see EC 4.2.3.70), 13% α -guaiene (see EC 4.2.3.87), and traces of at least ten other sesquiterpenoids.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.93

Reaction

(2E,6E)-farnesyl diphosphate = Δ -guaiene + 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.