

α -guaiene synthase

Cat. No. EXWM-5250

Lot. No. (See product label)

Introduction

Description Requires Mg²⁺. The enzyme from Pogostemon cablin gives 13% α -guaiene as well as 37% (-)-patchoulol (see EC 4.2.3.70), 13% Δ -guaiene (see EC 4.2.3.93), and traces of at least ten other sesquiterpenoids. In Aquilaria crassna three clones of the enzyme gave about 80% Δ -guaiene and 20% α -guaiene, with traces of α -humulene. A fourth clone gave 54% Δ -guaiene and 45% α -guaiene.

Synonyms PatTps177 (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.3.87

Reaction (2E,6E)-farnesyl diphosphate = α -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.