

α-santalene synthase

Cat. No. EXWM-5245

Lot. No. (See product label)

Introduction

Description

The enzyme synthesizes a mixture of sesquiterpenoids from (2E,6E)-farnesyl diphosphate. As well as (+)-α-santalene, (-)-β-santalene and (-)-exo-α-bergamotene are formed with traces of (+)-epi-β-santalene. See EC 4.2.3.83 [(-)-β-santalene synthase], and EC 4.2.3.81 [(-)-exo-α-bergamotene synthase]. cf. EC 4.2.3.50 α-santalene synthase [(2Z,6Z)-farnesyl diphosphate cyclizing]

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.82

Reaction

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