

## $\alpha$ -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 (+)- $\alpha$ -santalene, (-)- $\beta$ -santalene and (-)-exo- $\alpha$ -bergamotene are formed with traces of (+)-epi- $\beta$ -santalene. See EC 4.2.3.83 [(-)- $\beta$ -santalene synthase], and EC 4.2.3.81 [(-)-exo- $\alpha$ -bergamotene synthase]. cf. EC 4.2.3.50  $\alpha$ -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 = (+)- $\alpha$ -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.