

benzyl alcohol O-benzoyltransferase

Cat. No. EXWM-2139

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in volatile benzenoid and benzoic acid biosynthesis. The enzyme from *Petunia hybrida* also catalyses the formation of 2-phenylethyl benzoate from benzoyl-CoA and 2-phenylethanol. The apparent catalytic efficiency of the enzyme from *Petunia hybrida* with benzoyl-CoA is almost 6-fold higher than with acetyl-CoA.

Synonyms

benzoyl-CoA:benzyl alcohol benzoyltransferase; benzoyl-CoA:benzyl alcohol/phenylethanol benzoyltransferase; benzoyl-coenzyme A:benzyl alcohol benzoyltransferase; benzoyl-coenzyme A:phenylethanol benzoyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.196

Reaction

benzoyl-CoA + benzyl alcohol = CoA + benzyl benzoate

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.