Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.