

## 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.