

succinyl-CoA:(R)-benzylsuccinate CoA-transferase

Cat. No. EXWM-3410

Lot. No. (See product label)

Introduction

Description

Involved in anaerobic catabolism of toluene and is a strictly toluene-induced enzyme that catalyses the reversible regio- and enantio-selective synthesis of (R)-2-benzylsuccinyl-CoA. The enzyme from *Thauera aromatica* is inactive when (R)-benzylsuccinate is replaced by (S)-benzylsuccinate.

Synonyms

benzylsuccinate CoA-transferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.8.3.15

CAS No.

260966-56-1

Reaction

succinyl-CoA + (R)-2-benzylsuccinate = succinate + (R)-2-benzylsuccinyl-CoA

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.