

o-succinylbenzoate synthase

Cat. No. EXWM-4953

Lot. No. (See product label)

Introduction

Description

Belongs to the enolase superfamily and requires divalent cations, preferably Mg^{2+} or Mn^{2+} , for activity. Forms part of the vitamin-K-biosynthesis pathway.

Synonyms

o-succinylbenzoic acid synthase; OSB synthase; OSBS; 2-succinylbenzoate synthase; MenC

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.113

CAS No.

97089-83-3

Reaction

(1R,6R)-6-hydroxy-2-succinylcyclohexa-2,4-diene-1-carboxylate = 2-succinylbenzoate + H_2O

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.