

3,5-dihydroxyphenylacetyl-CoA synthase

Cat. No. EXWM-2195

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Amiclatopsis mediterranei*, is involved in biosynthesis of the nonproteinogenic amino acid (S)-3,5-dihydroxyphenylglycine, a component of the vancomycin-type antibiotic balhimycin.

Synonyms

DpgA

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.246

Reaction

$4 \text{ malonyl-CoA} = (3,5\text{-dihydroxyphenylacetyl})\text{-CoA} + 3 \text{ CoA} + 4 \text{ CO}_2 + \text{H}_2\text{O}$

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.