

2,3',4,6-tetrahydroxybenzophenone synthase

Cat. No. EXWM-2091

Lot. No. (See product label)

Introduction

Description

Involved in the biosynthesis of plant xanthenes. Benzoyl-CoA can replace 3-hydroxybenzoyl-CoA (cf. EC 2.3.1.220, 2,4,6-trihydroxybenzophenone synthase).

Synonyms

benzophenone synthase (ambiguous); BPS (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.151

CAS No.

175780-21-9

Reaction

$3 \text{ malonyl-CoA} + 3\text{-hydroxybenzoyl-CoA} = 4 \text{ CoA} + 2,3',4,6\text{-tetrahydroxybenzophenone} + 3 \text{ CO}_2$

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.