

2,4,6-trihydroxybenzophenone synthase

Cat. No. EXWM-2167

Lot. No. (See product label)

Introduction

Description

Involved in the biosynthesis of plant xanthenes. The enzyme from the plant *Hypericum androsaemum* L can use 3-hydroxybenzoyl-CoA instead of benzoyl-CoA, but with lower activity (cf. EC 2.3.1.151, 2,3',4,6-tetrahydroxybenzophenone synthase).

Synonyms

benzophenone synthase (ambiguous); BPS (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.220

Reaction

$3 \text{ malonyl-CoA} + \text{benzoyl-CoA} = 4 \text{ CoA} + 2,4,6\text{-trihydroxybenzophenone} + 3 \text{ CO}_2$

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.