Creative Enzymes®

2,4,6-trihydroxybenzophenone synthase

Cat. No. EXWM-2167

Lot. No. (See product label)

Introduction

Description	Involved in the biosynthesis of plant xanthones. 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 malonyl-CoA + benzoyl-CoA = 4 CoA + 2,4,6-trihydroxybenzophenone + 3 CO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.