Creative Enzymes®

4-hydroxycoumarin synthase

Cat. No. EXWM-2153

Lot. No. (See product label)

Introduction

Description	The enzyme, a polyketide synthase, can also accept benzoyl-CoA as substrate, which it condenses with 3 malonyl-CoA molecules to form 3,5-dihydroxybiphenyl (cf. EC 2.3.1.177, biphenyl synthase).
Synonyms	BIS2; BIS3

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.208
Reaction	malonyl-CoA + 2-hydroxybenzoyl-CoA = 2 CoA + 4-hydroxycoumarin + 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 ℃.