Creative Enzymes®

phenylpropanoylacetyl-CoA synthase

Cat. No. EXWM-2164

Lot. No. (See product label)

Introduction

Description	The enzyme has been characterized from the plant Curcuma longa (turmeric). It prefers feruloyl-CoA, and has no activity with cinnamoyl-CoA.
Synonyms	phenylpropanoyl-diketide-CoA synthase; DCS

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.218
Reaction	(1) feruloyl-CoA + malonyl-CoA = feruloylacetyl-CoA + CO2 + CoA; (2) 4-coumaroyl-CoA + malonyl-CoA = (4-coumaroyl)acetyl-CoA + CO2 + CoA
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 ℃.