

## 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 + CO<sub>2</sub> + CoA; (2) 4-coumaroyl-CoA + malonyl-CoA = (4-coumaroyl)acetyl-CoA + CO<sub>2</sub> + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.