

long-chain acyl-CoA ω -monooxygenase

Cat. No. EXWM-0806

Lot. No. (See product label)

Introduction

Description

The enzymes from solanaceous plants are involved in the biosynthesis of stigmatic estolide, a lipid-based polyester that forms a major component of the exudate.

Synonyms

long-chain acyl-CoA ω -hydroxylase; CYP86A22 (gene name); CYP52M1 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.204

Reaction

(1) oleoyl-CoA + NADPH + H⁺ + O₂ = 18-hydroxyoleoyl-CoA + NADP⁺ + H₂O; (2) linoleoyl-CoA + NADPH + H⁺ + O₂ = 18-hydroxylinoleoyl-CoA + NADP⁺ + H₂O

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.