

decylhomocitrate synthase

Cat. No. EXWM-2320

Lot. No. (See product label)

Introduction

Description

Decanoyl-CoA can act instead of dodecanoyl-CoA, but 2-oxoglutarate cannot be replaced by oxaloacetate or pyruvate.

Synonyms

2-decylhomocitrate synthase; 3-hydroxytetradecane-1,3,4-tricarboxylate 2-oxoglutarate-lyase (CoA-acylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.3.4

CAS No.

51845-40-0

Reaction

dodecanoyl-CoA + H₂O + 2-oxoglutarate = (3S,4S)-3-hydroxytetradecane-1,3,4-tricarboxylate + 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.