Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.