

3-propylmalate synthase

Cat. No. EXWM-2313

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those acyltransferases that convert acyl groups into alkyl groups on transfer. This enzyme participates in glyoxylate and dicarboxylate metabolism.

Synonyms

3-(n-propyl)-malate synthase; 3-propylmalate glyoxylate-lyase (CoA-pentanoylating); β -n-propylmalate synthase; n-propylmalate synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.3.12

CAS No.

37290-62-3

Reaction

pentanoyl-CoA + H₂O + glyoxylate = 3-propylmalate + 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.