Creative Enzymes®

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