

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 $\text{pentanoyl-CoA} + \text{H}_2\text{O} + \text{glyoxylate} = \text{3-propylmalate} + \text{CoA}$

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.