

3-ethylmalate synthase

Cat. No. EXWM-2323

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

2-ethyl-3-hydroxybutanedioate synthase; 3-ethylmalate glyoxylate-lyase (CoA-butanoylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.3.7

CAS No.

9024-01-5

Reaction

butanoyl-CoA + H₂O + glyoxylate = 3-ethylmalate + 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.