

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.