

2-hydroxyglutarate synthase

Cat. No. EXWM-2312

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 c5-branched dibasic acid metabolism.

Synonyms

2-hydroxyglutaric synthetase; 2-hydroxyglutaric synthetase; α -hydroxyglutarate synthase; hydroxyglutarate synthase; 2-hydroxyglutarate glyoxylate-lyase (CoA-propanoylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.3.11

CAS No.

9024-02-6

Reaction

propanoyl-CoA + H₂O + glyoxylate = 2-hydroxyglutarate + 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.