

malate-CoA ligase

Cat. No. EXWM-5711

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of ligases, specifically those forming carbon-sulfur bonds as acid-thiol ligases. This enzyme participates in glyoxylate and dicarboxylate metabolism.

Synonyms malyl-CoA synthetase; malyl coenzyme A synthetase; malate thiokinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.2.1.9

CAS No. 37318-58-4

Reaction $\text{ATP} + \text{malate} + \text{CoA} = \text{ADP} + \text{phosphate} + \text{malyl-CoA}$

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.