

biotin-[methylmalonyl-CoA-carboxytransferase] ligase

Cat. No. EXWM-5801

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in biotin metabolism.

Synonyms biotin-[methylmalonyl-CoA-carboxyltransferase] synthetase; biotin-methylmalonyl coenzyme A carboxyltransferase synthetase; biotin-transcarboxylase synthetase; methylmalonyl coenzyme A holotranscarboxylase synthetase; biotin-[methylmalonyl-CoA-carboxyltransferase] ligase; biotin:apo[methylmalonyl-CoA:pyruvate carboxyltransferase] ligase (AMP-forming)

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.4.9

CAS No. 37318-66-4

Reaction $\text{ATP} + \text{biotin} + \text{apo-[methylmalonyl-CoA:pyruvate carboxytransferase]} = \text{AMP} + \text{diphosphate} + [\text{methylmalonyl-CoA:pyruvate carboxytransferase}]$

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.