

6-carboxyhexanoate-CoA ligase

Cat. No. EXWM-5672

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 biotin metabolism.

Synonyms 6-carboxyhexanoyl-CoA synthetase; pimelyl-CoA synthetase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.2.1.14

CAS No. 55467-50-0

Reaction $\text{ATP} + 6\text{-carboxyhexanoate} + \text{CoA} = \text{AMP} + \text{diphosphate} + 6\text{-carboxyhexanoyl-CoA}$

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.