Creative Enzymes®

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	ATP + 6-carboxyhexanoate + CoA = AMP + diphosphate + 6-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.