Creative Enzymes®

3-hydroxypropionyl-CoA dehydratase

Cat. No. EXWM-4956

Lot. No. (See product label)

Introduction

Description	Catalyses a step in the 3-hydroxypropanoate/4-hydroxybutanoate cycle, an autotrophic CO2 fixation pathway found in some thermoacidophilic archaea. The enzyme from Metallosphaera sedula acts nearly equally as well on (S)-3-hydroxybutanoyl-CoA but not (R)-3-hydroxybutanoyl-CoA.
Synonyms	3-hydroxypropionyl-CoA hydro-lyase; 3-hydroxypropanoyl-CoA dehydratase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.116
Reaction	3-hydroxypropanoyl-CoA = acryloyl-CoA + H2O
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 ℃.