Creative Enzymes®

homoisocitrate dehydrogenase

Cat. No. EXWM-0371

Lot. No. (See product label)

Introduction

Description	Forms part of the lysine biosynthesis pathway in fungi.
Synonyms	2-hydroxy-3-carboxyadipate dehydrogenase; 3-carboxy-2-hydroxyadipate dehydrogenase; homoisocitric dehydrogenase; (-)-1-hydroxy-1,2,4-butanetricarboxylate:NAD+ oxidoreductase (decarboxylating); 3-carboxy-2-hydroxyadipate:NAD+ oxidoreductase (decarboxylating); HICDH

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.87
CAS No.	9067-90-7
Reaction	(1R,2S)-1-hydroxybutane-1,2,4-tricarboxylate + NAD+ = 2-oxoadipate + CO2 + NADH + H+
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 ℃.