Creative Enzymes®

2-oxoadipate reductase

Cat. No. EXWM-0075

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is 2-hydroxyadipate:NAD+ 2-oxidoreductase. Other names in common use include 2-ketoadipate reductase, alpha-ketoadipate reductase, and 2-ketoadipate reductase.
Synonyms	2-ketoadipate reductase; α-ketoadipate reductase; 2-ketoadipate reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.172
CAS No.	61116-21-0
Reaction	2-hydroxyadipate + NAD+ = 2-oxoadipate + 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 ℃.