Creative Enzymes®

lysine dehydrogenase

Cat. No. EXWM-1448

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH2 group of donors with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is L-lysine:NAD+ oxidoreductase (deaminating, cyclizing).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.1.15
CAS No.	68073-29-0
Reaction	L-lysine + NAD+ = 1,2-didehydropiperidine-2-carboxylate + NH3 + 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 ℃.