

L-erythro-3,5-diaminohexanoate dehydrogenase

Cat. No. EXWM-1444

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-erythro-3,5-diaminohexanoate:NAD⁺ oxidoreductase (deaminating). This enzyme is also called L-3,5-diaminohexanoate dehydrogenase. This enzyme participates in lysine degradation.

Synonyms L-3,5-diaminohexanoate dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.4.1.11

CAS No. 37377-90-5

Reaction L-erythro-3,5-diaminohexanoate + H₂O + NAD⁺ = (S)-5-amino-3-oxohexanoate + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.