

3-(imidazol-5-yl)lactate dehydrogenase

Cat. No. EXWM-0014

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 (S)-3-(imidazol-5-yl)lactate:NAD(P)⁺ oxidoreductase. This enzyme is also called imidazol-5-yl lactate dehydrogenase.

Synonyms

imidazol-5-yl lactate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.111

CAS No.

37250-42-3

Reaction

(S)-3-(imidazol-5-yl)lactate + NAD(P)⁺ = 3-(imidazol-5-yl)pyruvate + NAD(P)H + 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.