

Lactaldehyde dehydrogenase

Cat. No. EXWM-1128

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is (S)-lactaldehyde:NAD⁺ oxidoreductase. Other names in common use include L-lactaldehyde:NAD⁺ oxidoreductase, and nicotinamide adenine dinucleotide (NAD⁺)-linked dehydrogenase. This enzyme participates in pyruvate metabolism.

Synonyms L-lactaldehyde:NAD oxidoreductase; nicotinamide adenine dinucleotide (NAD)-linked dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.2.1.22

CAS No. 37250-90-1

Reaction (S)-lactaldehyde + NAD⁺ + H₂O = (S)-lactate + NADH + 2 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.