

glycolaldehyde dehydrogenase

Cat. No. EXWM-1127

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 glycolaldehyde:NAD⁺ oxidoreductase. This enzyme is also called glycol aldehyde dehydrogenase. This enzyme participates in glyoxylate and dicarboxylate metabolism.

Synonyms

glycol aldehyde dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.1.21

CAS No.

37250-89-8

Reaction

glycolaldehyde + NAD⁺ + H₂O = glycolate + 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.