

methyglyoxal reductase (NADH)

Cat. No. EXWM-0361

Lot. No. (See product label)

Introduction

Description

This mammalian enzyme differs from the yeast enzyme, EC 1.1.1.283, methyglyoxal reductase (NADPH-dependent), by its coenzyme requirement, reaction direction, and enantiomeric preference.

Synonyms

methyglyoxal reductase; D-lactaldehyde dehydrogenase; methyglyoxal reductase (NADH-dependent)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.78

CAS No.

37250-16-1

Reaction

(R)-lactaldehyde + NAD⁺ = 2-oxopropanal + 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.