

alcohol dehydrogenase (NADP+)

Cat. No. EXWM-0103

Lot. No. (See product label)

Introduction

Description

A zinc protein. Some members of this group oxidize only primary alcohols; others act also on secondary alcohols. May be identical with EC 1.1.1.19 (L-glucuronate reductase), EC 1.1.1.33 [mevaldate reductase (NADPH)] and EC 1.1.1.55 [lactaldehyde reductase (NADPH)]. Re-specific with respect to NADPH.

Synonyms

aldehyde reductase (NADPH₂); NADP-alcohol dehydrogenase; NADP⁺-aldehyde reductase; NADP⁺-dependent aldehyde reductase; NADPH-aldehyde reductase; NADPH-dependent aldehyde reductase; nonspecific succinic semialdehyde reductase; ALR 1; low-K_m aldehyde reductase; high-K_m aldehyde reductase; alcohol dehydrogenase (NADP)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.2

CAS No.

9028-12-0

Reaction

an alcohol + NADP⁺ = an aldehyde + NADPH + 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.