

D-pinitol dehydrogenase

Cat. No. EXWM-0046

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 1D-3-O-methyl-chiro-inositol:NADP⁺ oxidoreductase. This enzyme is also called 5D-5-O-methyl-chiro-inositol:NADP⁺ oxidoreductase.

Synonyms

5D-5-O-methyl-chiro-inositol:NADP⁺ oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.142

CAS No.

37250-71-8

Reaction

1D-3-O-methyl-chiro-inositol + NADP⁺ = 2D-5-O-methyl-2,3,5/4,6-pentahydroxycyclohexanone + 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.