Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.