Creative Enzymes®

sequoyitol dehydrogenase

Cat. No. EXWM-0047

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 5-O-methyl-myo-inositol:NAD+ oxidoreductase. This enzyme is also called D-pinitol dehydrogenase.
Synonyms	D-pinitol dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.143
CAS No.	37250-72-9
Reaction	5-O-methyl-myo-inositol + NAD+ = 2D-5-O-methyl-2,3,5/4,6-pentahydroxycyclohexanone + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.