

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