

scyllo-inositol 2-dehydrogenase (NAD⁺)

Cat. No. EXWM-0288

Lot. No. (See product label)

Introduction

Description

The enzyme, found in the bacterium *Bacillus subtilis*, has no activity with NADP⁺ [cf. EC 1.1.1.371, scyllo-inositol 2-dehydrogenase (NADP⁺)]. It is part of a scyllo-inositol degradation pathway leading to acetyl-CoA.

Synonyms

iolX (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.370

Reaction

scyllo-inositol + NAD⁺ = 2,4,6/3,5-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.