

inositol 2-dehydrogenase

Cat. No. EXWM-0083

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 myo-inositol:NAD⁺ 2-oxidoreductase. Other names in common use include myo-inositol 2-dehydrogenase, myo-inositol:NAD⁺ oxidoreductase, inositol dehydrogenase, and myo-inositol dehydrogenase. This enzyme participates in inositol metabolism and inositol phosphate metabolism.

Synonyms myo-inositol 2-dehydrogenase; myo-inositol:NAD⁺ oxidoreductase; inositol dehydrogenase; myo-inositol dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.18

CAS No. 9028-25-5

Reaction myo-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.