

L-arabinitol 4-dehydrogenase

Cat. No. EXWM-0023

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 L-arabinitol:NAD⁺ 4-oxidoreductase (L-xylulose-forming). Other names in common use include pentitol-DPN dehydrogenase, and L-arabitol dehydrogenase. This enzyme participates in pentose and glucuronate interconversions.

Synonyms pentitol-DPN dehydrogenase (ambiguous); L-arabitol dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.12

CAS No. 9028-19-7

Reaction L-arabinitol + NAD⁺ = L-xylulose + 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.