

D-arabinitol 4-dehydrogenase

Cat. No. EXWM-0012

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 D-arabinitol:NAD⁺ 4-oxidoreductase. Other names in common use include D-arabitol dehydrogenase and arabitol dehydrogenase. This enzyme participates in pentose and glucuronate interconversions and fructose and mannose metabolism.

Synonyms D-arabitol dehydrogenase; arabitol dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.11

CAS No. 9028-18-6

Reaction D-arabinitol + NAD⁺ = D-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.