

D-arabinose 1-dehydrogenase (NAD+)

Cat. No. EXWM-0019

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-arabinose:NAD⁺ 1-oxidoreductase. Other names in common use include NAD⁺-pentose-dehydrogenase, and arabinose(fucose)dehydrogenase.

Synonyms NAD⁺-pentose-dehydrogenase; arabinose(fucose)dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.116

CAS No. 37250-47-8

Reaction D-arabinose + NAD⁺ = D-arabinono-1,4-lactone + 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.