

L-rhamnose 1-dehydrogenase (NADP+)

Cat. No. EXWM-0295

Lot. No. (See product label)

Introduction

Description

The enzyme from the archaeon *Thermoplasma acidophilum* is part of the non-phosphorylative degradation pathway for L-rhamnose. The enzyme differs in cofactor specificity from EC 1.1.1.173, L-rhamnose 1-dehydrogenase, which is specific for NAD⁺.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.377

Reaction

L-rhamnose + NADP⁺ = L-rhamnono-1,4-lactone + NADPH + 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.