

L-arabinose 1-dehydrogenase [NAD(P)+]

Cat. No. EXWM-0294

Lot. No. (See product label)

Introduction

Description

The enzymes from the bacterium *Azospirillum brasilense* and the archaeon *Haloferax volcanii* are part of the L-arabinose degradation pathway and prefer NADP⁺ over NAD⁺. In vitro the enzyme from *Azospirillum brasilense* shows also high catalytic efficiency with D-galactose.

Synonyms

L-arabino-aldose dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.376

Reaction

L-arabinose + NAD(P)⁺ = L-arabinono-1,4-lactone + NAD(P)H + 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.