

2-deoxy-D-gluconate 3-dehydrogenase

Cat. No. EXWM-0029

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 2-deoxy-D-gluconate:NAD⁺ 3-oxidoreductase. This enzyme is also called 2-deoxygluconate dehydrogenase. This enzyme participates in pentose and glucuronate interconversions.

Synonyms

2-deoxygluconate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.125

CAS No.

37250-54-7

Reaction

2-deoxy-D-gluconate + NAD⁺ = 3-dehydro-2-deoxy-D-gluconate + 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.