

nicotinate dehydrogenase

Cat. No. EXWM-1083

Lot. No. (See product label)

Introduction

Description

A flavoprotein containing non-heme iron. The enzyme is capable of acting on a variety of nicotinate analogues to varying degrees, including pyrazine-2-carboxylate, pyrazine 2,3-dicarboxylate, trigonelline and 6-methylnicotinate. The enzyme from *Clostridium barkeri* also possesses a catalytically essential, labile selenium that can be removed by reaction with cyanide.

Synonyms

nicotinic acid hydroxylase; nicotinate hydroxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.17.1.5

CAS No.

9059-03-4

Reaction

nicotinate + H₂O + NADP⁺ = 6-hydroxynicotinate + 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.