

6-hydroxynicotinate dehydrogenase

Cat. No. EXWM-1089

Lot. No. (See product label)

Introduction

Description

Contains [2Fe-2S] iron-sulfur centres, FAD and molybdenum. It also has a catalytically essential, labile selenium that can be removed by reaction with cyanide. In *Bacillus niacini*, this enzyme is required for growth on nicotinic acid.

Synonyms

6-hydroxynicotinic acid hydroxylase; 6-hydroxynicotinic acid dehydrogenase; 6-hydroxynicotinate hydroxylase; 6-hydroxynicotinate:O₂ oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.17.3.3

CAS No.

122191-32-6

Reaction

6-hydroxynicotinate + H₂O + O₂ = 2,6-dihydroxynicotinate + H₂O₂

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.