

6-hydroxynicotinate reductase

Cat. No. EXWM-1391

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with an iron-sulfur protein as acceptor. The systematic name of this enzyme class is 6-oxo-1,4,5,6-tetrahydronicotinate:ferredoxin oxidoreductase. Other names in common use include 6-oxotetrahydronicotinate dehydrogenase, 6-hydroxynicotinic reductase, HNA reductase, and 1,4,5,6-tetrahydro-6-oxonicotinate:ferredoxin oxidoreductase.

Synonyms

6-oxotetrahydronicotinate dehydrogenase; 6-hydroxynicotinic reductase; HNA reductase; 1,4,5,6-tetrahydro-6-oxonicotinate:ferredoxin oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.7.1

CAS No.

9030-84-6

Reaction

6-oxo-1,4,5,6-tetrahydronicotinate + oxidized ferredoxin = 6-hydroxynicotinate + reduced ferredoxin

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.