

2,3-dihydro-2,3-dihydroxybenzoate dehydrogenase

Cat. No. EXWM-1301

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 NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is 2,3-dihydro-2,3-dihydroxybenzoate:NAD⁺ oxidoreductase. This enzyme is also called 2,3-DHB dehydrogenase. This enzyme participates in biosynthesis of siderophore group nonribosomal.

Synonyms

2,3-DHB dehydrogenase; 2,3-dihydro-2,3-dihydroxybenzoate:NAD⁺ oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.28

CAS No.

37250-40-1

Reaction

(2S,3S)-2,3-dihydro-2,3-dihydroxybenzoate + NAD⁺ = 2,3-dihydroxybenzoate + 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.