

kynurenate-7,8-dihydrodiol dehydrogenase

Cat. No. EXWM-1292

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 7,8-dihydro-7,8-dihydroxykynurenate:NAD⁺ oxidoreductase. Other names in common use include 7,8-dihydro-7,8-dihydroxykynurenate dehydrogenase, and 7,8-dihydroxykynurenic acid 7,8-diol dehydrogenase. This enzyme participates in tryptophan metabolism.

Synonyms

7,8-dihydro-7,8-dihydroxykynurenate dehydrogenase; 7,8-dihydroxykynurenic acid 7,8-diol dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.18

CAS No.

37255-30-4

Reaction

7,8-dihydro-7,8-dihydroxykynurenate + NAD⁺ = 7,8-dihydroxykynurenate + 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.