Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.