

kynurenine 7,8-hydroxylase

Cat. No. EXWM-1037

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on paired donors, with O₂ as oxidant and incorporation or reduction of oxygen. The oxygen incorporated need not be derive from O miscellaneous. The systematic name of this enzyme class is kynurenate,hydrogen-donor:oxygen oxidoreductase (hydroxylating). Other names in common use include kynurenic acid hydroxylase, kynurenic hydroxylase, and kynurenate 7,8-hydroxylase. This enzyme participates in tryptophan metabolism.

Synonyms

kynurenic acid hydroxylase; kynurenic hydroxylase; kynurenate 7,8-hydroxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.99.2

CAS No.

9029-63-4

Reaction

kynurenate + AH₂ + O₂ = 7,8-dihydro-7,8-dihydroxykynurenate + A

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.