Creative Enzymes®

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