Creative Enzymes®

aminoimidazolase

Cat. No. EXWM-4576

Lot. No. (See product label)

Introduction

Description	Requires Fe2+. This enzyme forms part of the xanthine-degradation pathway in some bacteria. The product of the reaction, imidazol-4-one, can be converted non-enzymically into formiminoglycine. An enzyme has been identified in Clostridium cylindrosporum that can perform this hydrolysis reaction.
Synonyms	4-aminoimidazole hydrolase;4-aminoimidazole deaminase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.8
CAS No.	9025-17-6
Reaction	4-aminoimidazole + H2O =imidazol-4-one + NH3
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 ℃.