

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