

formimidoylglutamate deiminase

Cat. No. EXWM-4515

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amidines. The systematic name of this enzyme class is N-formimidoyl-L-glutamate iminohydrolase. Other names in common use include formiminoglutamate deiminase, and formiminoglutamic iminohydrolase. This enzyme participates in histidine metabolism.

Synonyms

formiminoglutamate deiminase; formiminoglutamic iminohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.3.13

CAS No.

9054-85-7

Reaction

$\text{N-formimidoyl-L-glutamate} + \text{H}_2\text{O} = \text{N-formyl-L-glutamate} + \text{NH}_3$

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.