

creatinine deaminase

Cat. No. EXWM-4548

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 cyclic amidines. The systematic name of this enzyme class is creatinine iminohydrolase. Other names in common use include creatinine hydrolase, and creatinine desiminase. This enzyme participates in arginine and proline metabolism.

Synonyms

creatinine hydrolase; creatinine desiminase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.4.21

CAS No.

37289-15-9

Reaction

creatinine + H₂O = N-methylhydantoin + 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.