Creative Enzymes®

N-methylhydantoinase (ATP-hydrolysing)

Cat. No. EXWM-4497

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 amides. This enzyme participates in arginine, creatinine, and proline metabolism.
Synonyms	N-methylhydantoin amidohydrolase; methylhydantoin amidase; N-methylhydantoin hydrolase; N-methylhydantoinase; N-methylimidazolidine-2,4-dione amidohydrolase (ATP-hydrolysing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.2.14
CAS No.	100785-00-0
Reaction	ATP + N-methylhydantoin + 2 H2O = ADP + phosphate + N-carbamoylsarcosine
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 ℃.