Creative Enzymes®

imidazoleacetate-phosphoribosyldiphosphate ligase

Cat. No. EXWM-5800

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in histidine metabolism.
Synonyms	5-phosphoribosylimidazoleacetate synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.4.8
CAS No.	37318-65-3
Reaction	ATP + imidazole-4-acetate + 5-phosphoribosyl diphosphate = ADP + phosphate + 1-(5-phosphoribosyl)imidazole-4-acetate + diphosphate
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 ℃.