

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