

ribose-5-phosphate-ammonia ligase

Cat. No. EXWM-5799

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 purine metabolism.

Synonyms

5-phosphoribosylamine synthetase; ribose 5-phosphate aminotransferase; ammonia-ribose 5-phosphate aminotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.4.7

CAS No.

9082-52-4

Reaction

ATP + ribose 5-phosphate + NH₃ = ADP + phosphate + 5-phosphoribosylamine

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.