

phosphoribosyl-AMP cyclohydrolase

Cat. No. EXWM-4545

Lot. No. (See product label)

Introduction

Description

The *Neurospora crassa* enzyme also catalyses the reactions of EC 1.1.1.23 (histidinol dehydrogenase) and EC 3.6.1.31 (phosphoribosyl-ATP diphosphatase).

Synonyms

PRAMP-cyclohydrolase; phosphoribosyladenosine monophosphate cyclohydrolase; 1-(5-phospho-D-ribosyl)-AMP 1,6-hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.4.19

CAS No.

37289-22-8

Reaction

$1\text{-(5-phospho-}\beta\text{-D-ribose)}\text{-AMP} + \text{H}_2\text{O} = 1\text{-(5-phospho-}\beta\text{-D-ribose)}\text{-5-}[(5\text{-phospho-}\beta\text{-D-ribosylamino)methylideneamino]imidazole-4\text{-carboxamide}$

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.