

ADP-ribose diphosphatase

Cat. No. EXWM-4597

Lot. No. (See product label)

Introduction

Description

ADP-ribose diphosphatase (EC 3.6.1.13) is an enzyme that catalyzes a hydrolysis reaction in which water nucleophilically attacks ADP-ribose to produce AMP and D-ribose 5-phosphate. Enzyme hydrolysis occurs by the breakage of a phosphoanhydride bond and is dependent on Mg²⁺ ions that are held in complex by the enzyme.

Synonyms

ADPribose pyrophosphatase; adenosine diphosphoribose pyrophosphatase; ADPR-PPase; ADP-ribose ribophosphohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.6.1.13

CAS No.

9024-83-3

Reaction

ADP-D-ribose + H₂O = AMP + D-ribose 5-phosphate

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.