

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.