

5-Phospho-D-ribose 1-diphosphate (sodium salt hydrate) Biochemical

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CATALOG #
AAA227243

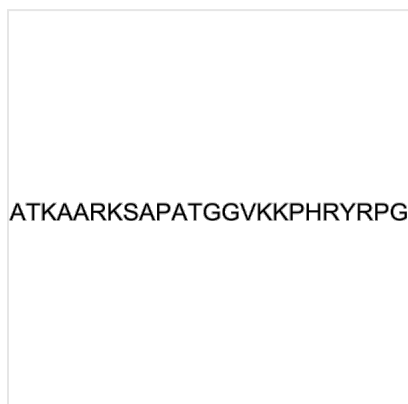
PRODUCT SYNONYMS

5-Phospho-D-ribose 1-diphosphate (sodium salt hydrate); 5-Phospho-D-ribose 1-diphosphate (sodium salt hydrate) biochemical

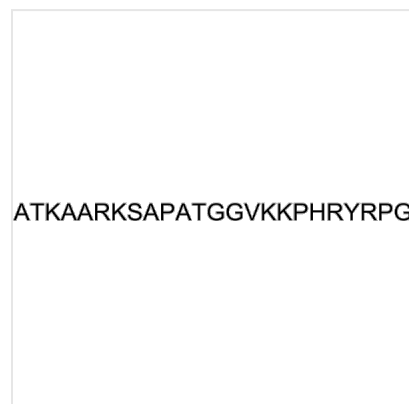
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 10 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Histone H3 (21-44), CAS 1373516-71-2



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ADDITIONAL INFORMATION

Related Product Information for 5-Phospho-D-ribose 1-diphosphate (sodium salt hydrate) biochemical	5-Phospho-D-ribose 1-diphosphate (PRPP) is a natural intermediate involved in the pentose phosphate pathway leading to purine, pyrimidine, and histidine metabolism. It is also an intermediate in the synthesis of plant hormones, alkaloids, and other secondary metabolites from glucose. Several phosphoribosyltransferases (PRTases) use PRPP as a substrate to add a 5-phosphoribosyl group to another substrate, as in the production of adenosine monophosphate from adenine and PRPP by adenine PRTase.
References	1. Santos-Rosa H, Caldas C. Chromatin modifier enzymes, the histone code and cancer. Eur J Cancer. 2005;41(16):2381-2402.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.