

Ribose-5-phosphate barium salt

Chemical Properties

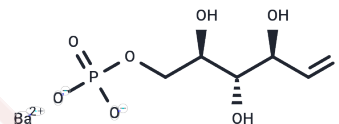
CAS No. : 15673-79-7

Formula: C₅H₉BaO₈P

Molecular Weight: 365.42

Storage: Store under nitrogen, Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ribose-5-phosphate Barium Salt is an organic compound that belongs to the monosaccharide phosphate family. It is commonly used as an intermediate in various biochemical pathways, particularly in the biosynthesis of nucleotides and coenzymes. Ribose-5-phosphate Barium Salt has numerous applications in biochemical research, including serving as a precursor for synthesizing other phosphorylated sugars and as a substrate for enzymes involved in the pentose phosphate pathway. Additionally, it can be used as an energy source and dietary supplement for certain microorganisms.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7366 mL	13.6829 mL	27.3658 mL
5 mM	0.5473 mL	2.7366 mL	5.4732 mL
10 mM	0.2737 mL	1.3683 mL	2.7366 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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