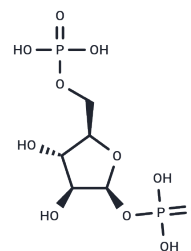


Arabinose 1,5-diphosphate

Chemical Properties

CAS No. : 93132-85-5
 Formula: C₅H₁₂O₁₁P₂
 Molecular Weight: 310.09
 Storage: 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	Arabinose 1,5-diphosphate is a bisphosphatase inhibitor.
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2249 mL	16.1244 mL	32.2487 mL
5 mM	0.645 mL	3.2249 mL	6.4497 mL
10 mM	0.3225 mL	1.6124 mL	3.2249 mL
50 mM	0.0645 mL	0.3225 mL	0.645 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.

Reference

Pilkis SJ, McGrane MM, Kountz PD, el-Maghrabi MR, Pilkis J, Maryanoff BE, Reitz AB, Benkovic SJ. The effect of arabinose 1,5-bisphosphate on rat hepatic 6-phosphofructo-1-kinase and fructose-1,6-bisphosphatase. *Biochem Biophys Res Commun.* 1986 Jul 16;138(1):159-66. PubMed PMID: 3017313.

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