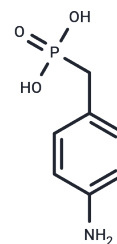


4-Aminobenzylphosphonic Acid

Chemical Properties

CAS No. :	5424-27-1
Formula:	C ₇ H ₁₀ NO ₃ P
Molecular Weight:	187.13
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	4-Aminobenzylphosphonic acid, an inhibitor of alkaline phosphatase (K _i = 1.1 mM for the bovine intestine enzyme), is utilized in affinity chromatography for alkaline phosphatase purification and in the electrochemical modification of glassy carbon electrodes.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3439 mL	26.7194 mL	53.4388 mL
5 mM	1.0688 mL	5.3439 mL	10.6878 mL
10 mM	0.5344 mL	2.6719 mL	5.3439 mL
50 mM	0.1069 mL	0.5344 mL	1.0688 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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