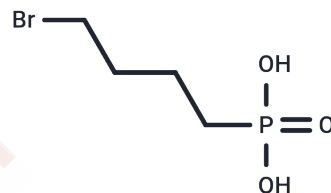


4-Bromobutylphosphonic acid

Chemical Properties

CAS No. :	1190-14-3
Formula:	C ₄ H ₁₀ BrO ₃ P
Molecular Weight:	217
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4-Bromobutylphosphonic acid is an alkyl chain-derived PROTAC linker used for the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6083 mL	23.0415 mL	46.0829 mL
5 mM	0.9217 mL	4.6083 mL	9.2166 mL
10 mM	0.4608 mL	2.3041 mL	4.6083 mL
50 mM	0.0922 mL	0.4608 mL	0.9217 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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