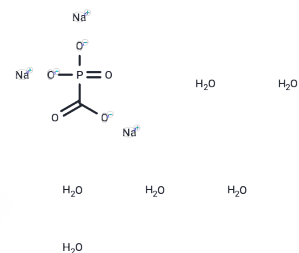


Phosphonoformic acid trisodium salt hexa

Chemical Properties

CAS No. :	34156-56-4
Formula:	CH ₁₂ Na ₃ O ₁₁ P
Molecular Weight:	300.03
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	Phosphonoformic acid trisodium salt hexa (Sodium phosphonatoformate hexahydrate) is an antiviral drug for the treatment of CMV retinitis.
Targets(IC50)	Others,DNA/RNA Synthesis

Solubility Information

Solubility	H ₂ O: 12.5 mg/mL (41.66 mM),Sonication is recommended. DMSO: < 1.26 mg/mL (10 mM, insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	PBS: 12.5 mg/mL (41.66 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.333 mL	16.665 mL	33.330 mL
5 mM	0.6666 mL	3.333 mL	6.666 mL
10 mM	0.3333 mL	1.6665 mL	3.333 mL
50 mM	0.0667 mL	0.3333 mL	0.6666 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

Sun Y , Tao Y , Cao Q , et al. Foscarnet calcium microcrystals as the intravitreal drug depot[]]. Chemical Communications, 2017:10.1039.C7CC02399E.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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