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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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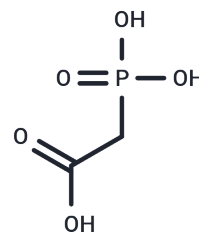
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Phosphonoacetic acid

Chemical Properties

CAS No. :	4408-78-0
Formula:	C ₂ H ₅ O ₅ P
Molecular Weight:	140.03
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Phosphonoacetate, also known as fosfonet or phosphonacetic acid, belongs to the class of organic compounds known as organic phosphonic acids. Within the cell, phosphonoacetate is primarily located in the cytoplasm. Phosphonoacetate can be biosynthesized from phosphonic acid and acetic acid.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (392.77 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1413 mL	35.7066 mL	71.4133 mL
5 mM	1.4283 mL	7.1413 mL	14.2827 mL
10 mM	0.7141 mL	3.5707 mL	7.1413 mL
50 mM	0.1428 mL	0.7141 mL	1.4283 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.

Reference

Abendroth A , Lin I , Slobedman B , et al. Varicella-Zoster Virus Retains Major Histocompatibility Complex Class I Proteins in the Golgi Compartment of Infected Cells[J]. Journal of Virology, 2001, 75(10):4878-4888.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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