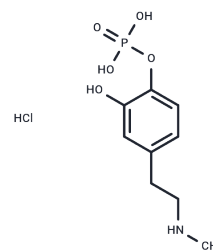


Fosopamine(HCl)

Chemical Properties

CAS No. :	135962-35-5
Formula:	C ₉ H ₁₅ ClNO ₅ P
Molecular Weight:	283.65
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	Fosopamine(HCl) is a DRDs agonist that can be used to study hypertension.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: 85 mg/mL (299.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5255 mL	17.6274 mL	35.2547 mL
5 mM	0.7051 mL	3.5255 mL	7.0509 mL
10 mM	0.3525 mL	1.7627 mL	3.5255 mL
50 mM	0.0705 mL	0.3525 mL	0.7051 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

De Caro L, et al. Kinetics and pharmacodynamic effects of a novel prodrug of N-methyldopamine at single dose in healthy volunteers. *Arzneimittelforschung*. 1993;43(6):651-655.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481