

Fosgonimeton acetate

Chemical Properties

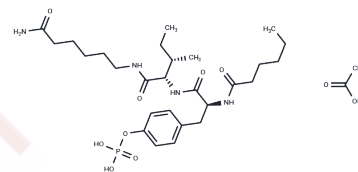
CAS No. :

Formula: C29H49N4O10P

Molecular Weight: 644.69

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	Fosgonimeton acetate is an agonist of hepatocyte growth factor (HGF).
Targets(IC50)	c-Met/HGFR
In vitro	Fosgonimeton acetate is an agonist of hepatocyte growth factor (HGF) [1].

Solubility Information

Solubility	DMSO: 6.45 mg/mL (10 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	1.5511 mL	7.7557 mL	15.5113 mL
5 mM	0.3102 mL	1.5511 mL	3.1023 mL
10 mM	0.1551 mL	0.7756 mL	1.5511 mL
50 mM	0.031 mL	0.1551 mL	0.3102 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

Xue Hua, et al. Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of the Positive Modulator of HGF/MET, Fosgonimeton, in Healthy Volunteers and Subjects with Alzheimer's Disease: Randomized, Placebo-Controlled, Double-Blind, Phase I Clinical Trial. J Alzheimers Dis. 2022;86(3):1399-1413.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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