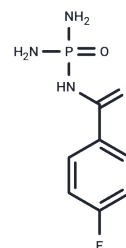


Flurofamide

Chemical Properties

CAS No. :	70788-28-2
Formula:	C7H9FN3O2P
Molecular Weight:	217.14
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	Flurofamide is an effective bacterial urease inhibitor and has potential in the treatment of infected urinary calculi.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 30 mg/mL (138.16 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (4.61 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	4.6053 mL	23.0266 mL	46.0532 mL
5 mM	0.9211 mL	4.6053 mL	9.2106 mL
10 mM	0.4605 mL	2.3027 mL	4.6053 mL
50 mM	0.0921 mL	0.4605 mL	0.9211 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

Millner OE Jr, et al. Flurofamide: a potent inhibitor of bacterial urease with potential clinical utility in the treatment of infection induced urinary stones. J Urol. 1982 Feb;127(2):346-50.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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