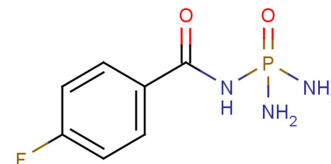


Flurofamide

Chemical Properties

CAS No.:	70788-28-2
Formula:	C ₇ H ₉ FN ₃ O ₂ P
Molecular Weight:	217.14
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Flurofamide is an effective bacterial urease inhibitor and has potential in the treatment of infected urinary calculi.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.605 mL	23.027 mL	46.053 mL
5 mM	0.921 mL	4.605 mL	9.211 mL
10 mM	0.461 mL	2.303 mL	4.605 mL
50 mM	0.092 mL	0.461 mL	0.921 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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