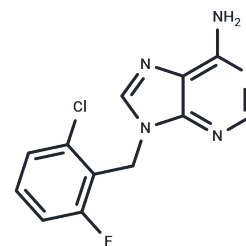


Arprinocide

Chemical Properties

CAS No. :	55779-18-5
Formula:	C ₁₂ H ₉ ClFN ₅
Molecular Weight:	277.68
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	Arprinocide is a hypoxanthine-guanine transport inhibitor.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	DMSO: 4.8 mg/mL (17.29 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	3.6013 mL	18.0063 mL	36.0127 mL
5 mM	0.7203 mL	3.6013 mL	7.2025 mL
10 mM	0.3601 mL	1.8006 mL	3.6013 mL
50 mM	0.072 mL	0.3601 mL	0.7203 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

Wang C C , Tolman R L , Simashkevich P M , et al. Arprinocid, an inhibitor of hypoxanthine- guanine transport[J]. Biochemical Pharmacology, 1979, 28(15):2249-2260.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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