

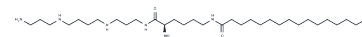
AMXT1501

Chemical Properties

CAS No. : 441022-64-6

Formula: C32H68N6O2

Molecular Weight: 568.92



Store at low temperature

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	AMXT1501 is a novel inhibitor of the polyamine transport system. It inhibits tumor growth in immunocompetent mice but not in athymic nude mice deficient in T cells .
Targets(IC50)	Apoptosis

Solubility Information

Solubility	H2O: 80 mg/mL (140.62 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	1.7577 mL	8.7886 mL	17.5772 mL
5 mM	0.3515 mL	1.7577 mL	3.5154 mL
10 mM	0.1758 mL	0.8789 mL	1.7577 mL
50 mM	0.0352 mL	0.1758 mL	0.3515 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

Candace S Hayes, et al. Polyamine-blocking therapy reverses immunosuppression in the tumor microenvironment. Cancer Immunol Res. 2014 Mar;2(3):274-85.

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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