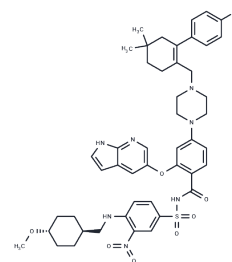


A-1211212

Chemical Properties

CAS No. :	1257044-75-9
Formula:	C ₄₇ H ₅₄ ClN ₇ O ₇ S
Molecular Weight:	896.49
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	A-1211212 (BCL2-IN-1) is a potent and selective Bcl-2 inhibitor. It promotes lymphocyte apoptosis, alters colonic mucosa in mice, and improves inflammation.
Targets(IC50)	Bcl-2 Family
In vitro	A-1211212 is a potent Bcl-2 inhibitor that binds to Bcl-2 with a K_i value of <0.01 nM. [1]

Solubility Information

Solubility	DMSO: 100 mg/mL (111.55 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	1.1155 mL	5.5773 mL	11.1546 mL
5 mM	0.2231 mL	1.1155 mL	2.2309 mL
10 mM	0.1115 mL	0.5577 mL	1.1155 mL
50 mM	0.0223 mL	0.1115 mL	0.2231 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

Nathaniel D. Catron, et al. Solid dispersions containing an apoptosis-inducing agent. WO2012058392A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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