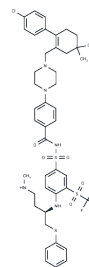


Desmorpholinyl Navitoclax-NH-Me

Chemical Properties

CAS No. :	2365172-82-1
Formula:	C44H51ClF3N5O5S3
Molecular Weight:	918.55
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Desmorpholinyl Navitoclax-NH-Me (Desmorpholinyl ABT-263-NH-Me) is a Bcl-xL inhibitor, which can be employed alongside a CRBN ligand to synthesize XZ739, a PROTAC BCL-XL degrader [1] [2].
Targets(IC50)	Bcl-2 Family,Ligands for Target Protein for PROTAC

Solubility Information

Solubility	DMSO: 100 mg/mL (108.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (3.59 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	1.0887 mL	5.4434 mL	10.8867 mL
5 mM	0.2177 mL	1.0887 mL	2.1773 mL
10 mM	0.1089 mL	0.5443 mL	1.0887 mL
50 mM	0.0218 mL	0.1089 mL	0.2177 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

Guangrong Zheng, et al. Agents de dégradation de protéines bcl-2 pour le traitement du cancer.
WO2019144117A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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