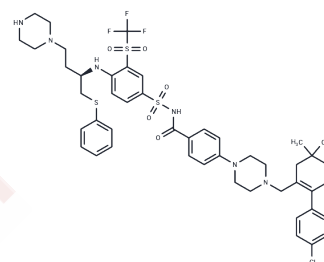


Navitoclax-piperazine

Chemical Properties

CAS No. :	2143096-93-7
Formula:	C47H56ClF3N6O5S3
Molecular Weight:	973.63
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	Navitoclax-piperazine (ABT-263-piperazine) is a B-cell lymphoma extra large (BCL-XL) inhibitor.
Targets(IC50)	Bcl-2 Family, Ligands for Target Protein for PROTAC

Solubility Information

Solubility	DMSO: 250 mg/mL (256.77 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 (3.39 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	1.0271 mL	5.1354 mL	10.2708 mL
5 mM	0.2054 mL	1.0271 mL	2.0542 mL
10 mM	0.1027 mL	0.5135 mL	1.0271 mL
50 mM	0.0205 mL	0.1027 mL	0.2054 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

Sajid Khan, et al. A selective BCL-XL PROTAC degrader achieves safe and potent antitumor activity. Nat Med 25, 1938-1947 (2019).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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