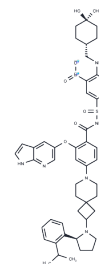


Sonrotoclax

Chemical Properties

CAS No. :	2383086-06-2
Formula:	C49H59N7O7S
Molecular Weight:	890.10
Storage:	Store at low temperature 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	Sonrotoclax is a potent, orally active inhibitor of Bcl2, demonstrating effective cell-killing activity against a range of lymphoma and leukemia cell lines [1].
Targets(IC50)	Bcl-2 Family
In vivo	In Female NCG mice with acute lymphoblastic leukemia (ALL) xenografts, Sonrotoclax (5,15,50 mg / kg ; oral administration ; daily, for 42 days) can inhibit tumor growth in a dose-dependent manner[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (89.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (3.71 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	1.1235 mL	5.6173 mL	11.2347 mL
5 mM	0.2247 mL	1.1235 mL	2.2469 mL
10 mM	0.1123 mL	0.5617 mL	1.1235 mL
50 mM	0.0225 mL	0.1123 mL	0.2247 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

Nan HU, et al. Methods of cancer treatment using bcl-2 inhibitor. WO2021110102A1.

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