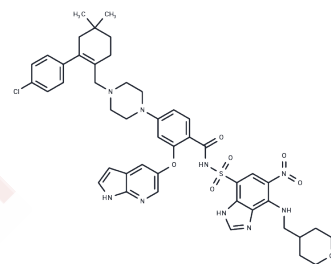


Bcl-2-IN-4

Chemical Properties

CAS No. : 2703134-40-9
 Formula: C₄₆H₅₀ClN₉O₇S
 Molecular Weight: 908.46
 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	Bcl-2-IN-4, an orally active and selective inhibitor of Bcl-2, demonstrates potent efficacy with an IC ₅₀ value of 1.5 nM and exhibits more than 200-fold selectivity over Bcl-xL (IC ₅₀ of 411 nM). Additionally, it effectively inhibits the proliferation of RS4;11 cells, achieving an IC ₅₀ of 2.7 nM.
Targets(IC ₅₀)	Bcl-2 Family,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1008 mL	5.5038 mL	11.0076 mL
5 mM	0.2202 mL	1.1008 mL	2.2015 mL
10 mM	0.1101 mL	0.5504 mL	1.1008 mL
50 mM	0.022 mL	0.1101 mL	0.2202 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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