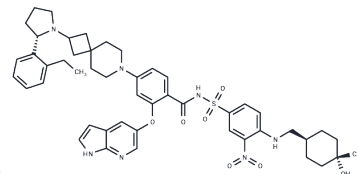


Bcl-2-IN-2

Chemical Properties

CAS No. : 2383085-86-5
Formula: C₄₈H₅₇N₇O₇S
Molecular Weight: 876.09
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Bcl-2-IN-2 is a highly potent and selective inhibitor targeting Bcl-2 and Bcl-xL. It displays an IC ₅₀ value of 0.034 nM, suggesting its strong inhibitory activity specifically against Bcl-2. Additionally, Bcl-2-IN-2 exhibits an IC ₅₀ value of 43 nM against Bcl-xL, demonstrating over 1000-fold selectivity for Bcl-2 compared to Bcl-xL.
In vitro	Bcl-2-IN-2 effectively targets and inhibits the Bcl-2-G101V mutant at a concentration of 1.2 nM and demonstrates potent inhibition of RS4;11 cell proliferation with an IC ₅₀ value of 1.9 nM[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1414 mL	5.7072 mL	11.4144 mL
5 mM	0.2283 mL	1.1414 mL	2.2829 mL
10 mM	0.1141 mL	0.5707 mL	1.1414 mL
50 mM	0.0228 mL	0.1141 mL	0.2283 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.

Reference

Yunhang GUO, et al. Bcl-2 INHIBITORS. WO2019210828A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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