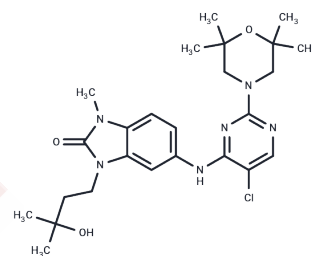


BCL6-IN-4

Chemical Properties

CAS No. :	2253879-65-9
Formula:	C ₂₅ H ₃₅ ClN ₆ O ₃
Molecular Weight:	503.04
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	BCL6-IN-4, a potent inhibitor of B-cell lymphoma 6 (BCL6), exhibits anti-tumor activities with an inhibitory concentration 50 (IC ₅₀) value of 97 nM[1].
Targets(IC ₅₀)	Bcl-2 Family,Others
In vitro	BCL6-IN-4 (compound 25b) inhibits the growth of OCI-Ly1 and OCI-Ly3 cell lines, with GI ₅₀ values of 2.8 μM and 4.2 μM, respectively[1].

Solubility Information

Solubility	DMSO: 73.33 mg/mL (145.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9879 mL	9.9396 mL	19.8791 mL
5 mM	0.3976 mL	1.9879 mL	3.9758 mL
10 mM	0.1988 mL	0.994 mL	1.9879 mL
50 mM	0.0398 mL	0.1988 mL	0.3976 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

Benjamin R Bellenie, et al. Achieving In Vivo Target Depletion through the Discovery and Optimization of Benzimidazolone BCL6 Degraders. J Med Chem. 2020 Apr 23;63(8):4047-4068.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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