

Dot1L-IN-7

Chemical Properties

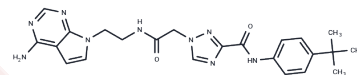
CAS No. : 2580940-76-5

Formula: C₂₃H₂₇N₉O₂

Molecular Weight: 461.52

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	Dot1L-IN-7 (compound 25) is a selective and potent inhibitor of telomere silencing 1-like protein (DOT1L) with an IC ₅₀ of 1.0 μM. It selectively kills MLL-AF9 cells without affecting the growth of E2A-HLF cells.
Targets(IC ₅₀)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1668 mL	10.8338 mL	21.6675 mL
5 mM	0.4334 mL	2.1668 mL	4.3335 mL
10 mM	0.2167 mL	1.0834 mL	2.1668 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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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