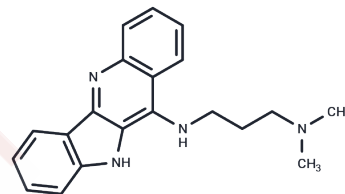


SYUIQ-5

Chemical Properties

CAS No. :	188630-47-9
Formula:	C ₂₀ H ₂₂ N ₄
Molecular Weight:	318.415
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	SYUIQ-5 is a ligand for G-quadruplex structures. It plays a role in stabilizing G-quadruplexes and inducing senescence. Additionally, SYUIQ-5 inhibits the activity of the c-myc gene promoter. By displacing TRF2 from telomeres, SYUIQ-5 induces telomeric damage, which triggers autophagy (autophagy) in cancer cells.
Targets(IC50)	Autophagy,c-Myc,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1405 mL	15.7025 mL	31.4051 mL
5 mM	0.6281 mL	3.1405 mL	6.281 mL
10 mM	0.3141 mL	1.5703 mL	3.1405 mL
50 mM	0.0628 mL	0.3141 mL	0.6281 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481