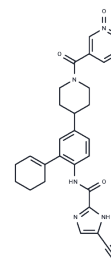


PI3K α -IN-19

Chemical Properties

CAS No. :	885692-56-8
Formula:	C ₂₈ H ₂₈ N ₆ O ₃
Molecular Weight:	496.56
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	PI3K α -IN-19 (Compound 1) serves as an inhibitor of PI3K α , specifically targeting the p110 α catalytic subunit. PI3K α , a frequently dysregulated kinase, is extensively utilized in cancer research [1].
Targets(IC50)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0139 mL	10.0693 mL	20.1386 mL
5 mM	0.4028 mL	2.0139 mL	4.0277 mL
10 mM	0.2014 mL	1.0069 mL	2.0139 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 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