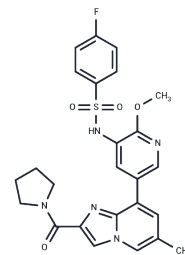


PI3K α -IN-15

Chemical Properties

CAS No. :	2893920-80-2
Formula:	C ₂₅ H ₂₄ FN ₅ O ₄ S
Molecular Weight:	509.55
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-15 is a powerful inhibitor of PI3K α , exhibiting an IC ₅₀ of 0.15 μ M. It shows promising anti-proliferative effects, inhibiting the growth of SKOV-3, T47D, NCI-H1975, NCI-H460, and MCF-7 cell lines with respective IC ₅₀ values of 26.6 μ M, 7.9 μ M, 32.1 μ M, 17.7 μ M, and 9.4 μ M. This compound is useful for cancer research [1].
Targets(IC50)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9625 mL	9.8126 mL	19.6252 mL
5 mM	0.3925 mL	1.9625 mL	3.925 mL
10 mM	0.1963 mL	0.9813 mL	1.9625 mL
50 mM	0.0393 mL	0.1963 mL	0.3925 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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