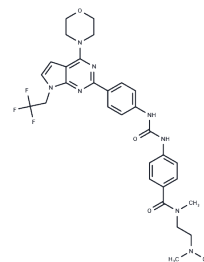


PI3K-IN-22

Chemical Properties

CAS No. :	1202884-94-3
Formula:	C ₃₁ H ₃₅ F ₃ N ₈ O ₃
Molecular Weight:	624.66
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-IN-22 is a dual kinase inhibitor of PI3K α and mTOR, with IC ₅₀ s of 0.9 and 0.6 nM respectively. PI3K-IN-22 could be used in cancer.
Targets(IC ₅₀)	Others,mTOR,PI3K

Solubility Information

Solubility	DMSO:PBS (pH 7.2) (1:10): 0.1 mg/mL (0.16 mM),Sonication is recommended. DMF: 15 mg/mL (24.01 mM),Sonication is recommended. DMSO: 15 mg/mL (24.01 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	1.6009 mL	8.0044 mL	16.0087 mL
5 mM	0.3202 mL	1.6009 mL	3.2017 mL
10 mM	0.1601 mL	0.8004 mL	1.6009 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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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