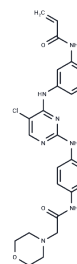


DPPY

Chemical Properties

CAS No. :	2095883-62-6
Formula:	C ₂₅ H ₂₆ ClN ₇ O ₃
Molecular Weight:	507.97
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	DPPY is a potent inhibitor of PTK that acts on EGFR (IC ₅₀ <10 nM), BTK (IC ₅₀ <10 nM), and JAK3 (IC ₅₀ <10 nM). DPPY inhibits the proliferation of B-cell lymphoma cells and has potential for investigation in idiopathic pulmonary fibrosis (IPF).
Targets(IC ₅₀)	EGFR,Others,BTK,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9686 mL	9.8431 mL	19.6862 mL
5 mM	0.3937 mL	1.9686 mL	3.9372 mL
10 mM	0.1969 mL	0.9843 mL	1.9686 mL
50 mM	0.0394 mL	0.1969 mL	0.3937 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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