

PK7242

Chemical Properties

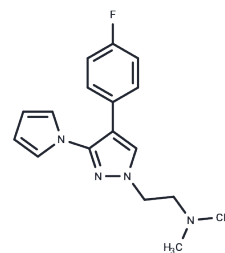
CAS No. : 1446352-68-6

Formula: C17H19FN4

Molecular Weight: 298.36

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	PK7242 is an inducer that reactivates mutant p53 in cancer cells. In cancer cells harboring the Y220C mutation, PK7242 binds to the core domain of p53-Y220C, leading to the inhibition of cell growth, cell cycle arrest, and apoptosis.
Targets(IC50)	MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3517 mL	16.7583 mL	33.5166 mL
5 mM	0.6703 mL	3.3517 mL	6.7033 mL
10 mM	0.3352 mL	1.6758 mL	3.3517 mL
50 mM	0.067 mL	0.3352 mL	0.6703 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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