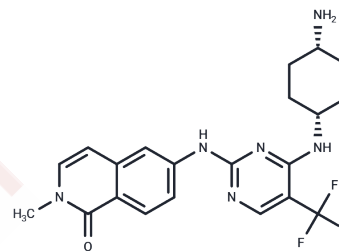


FLT3-IN-12

## Chemical Properties

CAS No. : 2499966-67-3  
 Formula: C<sub>21</sub>H<sub>23</sub>F<sub>3</sub>N<sub>6</sub>O  
 Molecular Weight: 432.44  
 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	FLT3-IN-12 is a selective, potent, orally active FLT3 kinase inhibitor that acts on FLT3-WT (IC <sub>50</sub> : 1.48 nM) and FLT3-D835Y (IC <sub>50</sub> : 2.87 nM). FLT3-IN-12 is more selective than c-KIT (>1000-fold). FLT3-IN-12 showed significant anti-AML effects, with an IC <sub>50</sub> value of 0.75 nM for MV4-11 cells.
Targets(IC <sub>50</sub> )	Others,FLT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3125 mL	11.5623 mL	23.1246 mL
5 mM	0.4625 mL	2.3125 mL	4.6249 mL
10 mM	0.2312 mL	1.1562 mL	2.3125 mL
50 mM	0.0462 mL	0.2312 mL	0.4625 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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