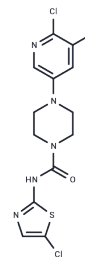


## HIV-1 inhibitor-35

## Chemical Properties

CAS No. :	2416971-32-7
Formula:	C <sub>13</sub> H <sub>12</sub> Cl <sub>3</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	392.69
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	HIV-1 inhibitor-35 (compound 74) is a highly potent inhibitor of the HIV-1 virus, exhibiting EC <sub>50</sub> values of 80 nM and 70 nM for LTR and CMV, respectively, in HEK293 cells. Additionally, it demonstrates inhibitory activity against HepG2 liver cancer cells, with a CC <sub>50</sub> value of 40 nM, and shows promise as a potential HIV-1 latency reversing agent [1].
Targets(IC <sub>50</sub> )	Others,HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5465 mL	12.7327 mL	25.4654 mL
5 mM	0.5093 mL	2.5465 mL	5.0931 mL
10 mM	0.2547 mL	1.2733 mL	2.5465 mL
50 mM	0.0509 mL	0.2547 mL	0.5093 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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