

## HIV-1 inhibitor-64

## Chemical Properties

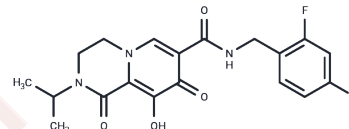
CAS No. : 2919019-36-4

Formula: C<sub>19</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 391.37

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-64 (Compound 7c) is an effective wild-type HIV-1 suppressant, also capable of inhibiting HIV-1 mutants E138K/Q148K and G140S/Q148R with EC <sub>50</sub> values of 62.5 nM and 11.3 nM, respectively. This compound demonstrates antiviral activity and is applicable in AIDS research [1].
Targets(IC <sub>50</sub> )	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5551 mL	12.7756 mL	25.5513 mL
5 mM	0.511 mL	2.5551 mL	5.1103 mL
10 mM	0.2555 mL	1.2776 mL	2.5551 mL
50 mM	0.0511 mL	0.2555 mL	0.511 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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