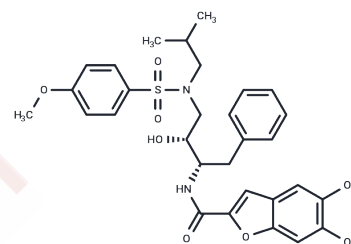


HIV-1 inhibitor-53

Chemical Properties

CAS No. :	2883496-10-2
Formula:	C30H34N2O8S
Molecular Weight:	582.66
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	HIV-1 Inhibitor-53 is a dual inhibitor targeting both the HIV-1 protease (PR) with an IC50 value of 1.93 nM and reverse transcriptase (RT) with an IC50 of 2.35 μM. It serves as a potent agent for AIDS research [1].
Targets(IC50)	HIV Protease,Reverse Transcriptase
In vitro	HIV-1 inhibitor-53 exhibits potent inhibition of HIV-1 protease (PR) and reverse transcriptase (RT), with respective IC50 values of 1.93 nM and 2.35 μM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7163 mL	8.5813 mL	17.1627 mL
5 mM	0.3433 mL	1.7163 mL	3.4325 mL
10 mM	0.1716 mL	0.8581 mL	1.7163 mL
50 mM	0.0343 mL	0.1716 mL	0.3433 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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