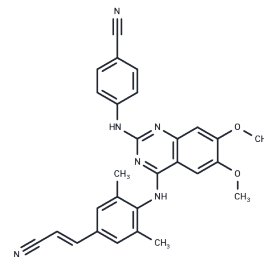


## HIV-1 inhibitor-21

### Chemical Properties

CAS No. : 2554620-04-9  
 Formula: C<sub>28</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 476.53  
 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-21 (compound 9b) is a potent inhibitor of HIV-1 non-nucleoside reverse transcriptase (RT) with an IC <sub>50</sub> of 0.55 μM. It inhibits both wild-type HIV-1 (EC <sub>50</sub> : 12.7 nM) and mutant virus strain K103N (EC <sub>50</sub> : 10.4 nM), demonstrating relatively low cytotoxicity (CC <sub>50</sub> for MT-4: 10.2 μM).
Targets(IC <sub>50</sub> )	Others,HIV Protease

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0985 mL	10.4925 mL	20.985 mL
5 mM	0.4197 mL	2.0985 mL	4.197 mL
10 mM	0.2099 mL	1.0493 mL	2.0985 mL
50 mM	0.042 mL	0.2099 mL	0.4197 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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