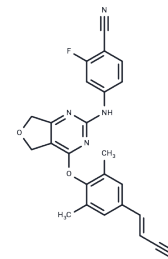


## HIV-1 inhibitor-50

## Chemical Properties

CAS No. :	2834087-69-1
Formula:	C <sub>24</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	427.43
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-50 is a non-nucleoside reverse transcriptase inhibitor (NNRTI) that targets HIV-1 reverse transcriptase (IC <sub>50</sub> = 50 nM). HIV-1 inhibitor-50 shows significant antiviral activity, with EC <sub>50</sub> s of 2.22-53.3nM against HIV-1 IIB and its mutant strains.
Targets(IC <sub>50</sub> )	Others,HIV Protease,Reverse Transcriptase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3396 mL	11.6978 mL	23.3956 mL
5 mM	0.4679 mL	2.3396 mL	4.6791 mL
10 mM	0.234 mL	1.1698 mL	2.3396 mL
50 mM	0.0468 mL	0.234 mL	0.4679 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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