

## HIV-1 inhibitor-58

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 452.51

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-58 (Compound 10c) is a non-nucleoside reverse transcriptase inhibitor with broad-spectrum antiviral properties, effective against both wild-type strain IIB and NNRTI-resistant strains like K103N and E138K in MT-4 cells at an EC <sub>50</sub> of less than 50 nM. Additionally, it inhibits CYP2C9 and CYP2C19 with IC <sub>50</sub> values of 2.06 μM and 1.91 μM, respectively. This compound is utilized in HIV infection research [1].
Targets(IC50)	Others,HIV Protease,Reverse Transcriptase,Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2099 mL	11.0495 mL	22.099 mL
5 mM	0.442 mL	2.2099 mL	4.4198 mL
10 mM	0.221 mL	1.1049 mL	2.2099 mL
50 mM	0.0442 mL	0.221 mL	0.442 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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