

HIV-1 inhibitor-41

Chemical Properties

CAS No. :

Formula: C16H15F2N3OS

Molecular Weight: 335.37

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-41 (Compound B23) is an orally active non-nucleoside HIV-1 reverse transcriptase inhibitor with EC50 values of 50 nM against the mutant E138K strain and 20.8 nM against HIV-1 WT. HIV-1 inhibitor-41 exhibits low hERG inhibition, no apparent CYP enzymatic inhibition, and no acute toxicity [1].
Targets(IC50)	Others,HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9818 mL	14.9089 mL	29.8178 mL
5 mM	0.5964 mL	2.9818 mL	5.9636 mL
10 mM	0.2982 mL	1.4909 mL	2.9818 mL
50 mM	0.0596 mL	0.2982 mL	0.5964 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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