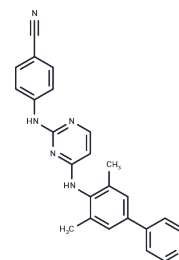


HIV-1 inhibitor-15

Chemical Properties

CAS No. :	2757182-99-1
Formula:	C ₂₄ H ₂₀ N ₆
Molecular Weight:	392.46
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-15 (compound 9d) is a potent, broad-spectrum inhibitor targeting HIV-1, with EC ₅₀ values of 1.7 nM against HIV-1 WT, 4 nM against L100I, 2 nM against K103N, 6 nM against Y181C, and 9 nM against E138K. It exhibits high efficacy, favorable solubility, safety profiles, and oral bioavailability [1].
Targets(IC ₅₀)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.548 mL	12.7402 mL	25.4803 mL
5 mM	0.5096 mL	2.548 mL	5.0961 mL
10 mM	0.2548 mL	1.274 mL	2.548 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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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