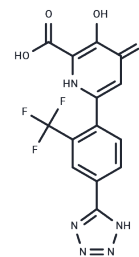


PAN endonuclease-IN-1

Chemical Properties

CAS No. :	2378640-67-4
Formula:	C ₁₄ H ₈ F ₃ N ₅ O ₄
Molecular Weight:	367.24
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	Compound 23, also known as PAN endonuclease-IN-1, demonstrates potent inhibitory activity against PAN endonuclease, a vital element of the influenza virus replication machinery and a significant antiviral target [1]. It exhibits dissociation constants (K _d) of 277 μM, 384 μM, and 328 μM for the wild type (WT), I38T, and E23K variants of PAN endonuclease respectively.
Targets(IC50)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.723 mL	13.6151 mL	27.2301 mL
5 mM	0.5446 mL	2.723 mL	5.446 mL
10 mM	0.2723 mL	1.3615 mL	2.723 mL
50 mM	0.0545 mL	0.2723 mL	0.5446 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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