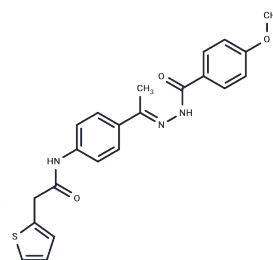


Neuraminidase-IN-19

Chemical Properties

CAS No. : 3040120-40-6
 Formula: C₂₂H₂₁N₃O₃S
 Molecular Weight: 407.49
 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	Neuraminidase-IN-19 (compound 5n) is a neuraminidase inhibitor featuring a thiophene ring, with an IC ₅₀ of 0.13 μM, and exhibits anticancer cell activity.
Targets(IC ₅₀)	Influenza Virus
In vitro	Neuraminidase-IN-19 exhibits a CC ₅₀ of 37.62 μM against human A549 cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.454 mL	12.2702 mL	24.5405 mL
5 mM	0.4908 mL	2.454 mL	4.9081 mL
10 mM	0.2454 mL	1.227 mL	2.454 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481