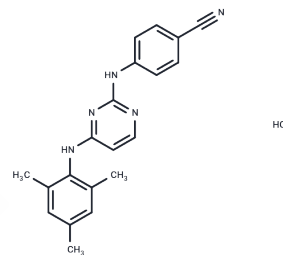


Dapivirine HCl

Chemical Properties

CAS No. : 244768-47-6
 Formula: C₂₀H₂₀ClN₅
 Molecular Weight: 365.86
 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	Dapivirine HCl is the salt form of Dapivirine, also known as TMC120, a non-nucleoside inhibitor for HIV reverse transcriptase with IC ₅₀ of 24 nM. The HIV-1 replication inhibitor dapivirine (DPV) is one of the most promising drug candidates being used in topical microbicide products for prevention of HIV-1 sexual transmission.
Targets(IC ₅₀)	Apoptosis,Others,HIV Protease,Reverse Transcriptase,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7333 mL	13.6664 mL	27.3329 mL
5 mM	0.5467 mL	2.7333 mL	5.4666 mL
10 mM	0.2733 mL	1.3666 mL	2.7333 mL
50 mM	0.0547 mL	0.2733 mL	0.5467 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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