

CL385319 HCl

Chemical Properties

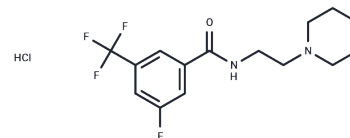
CAS No. : 1210501-46-4

Formula: C₁₅H₁₉ClF₄N₂O

Molecular Weight: 354.77

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CL385319 is a potent inhibitor of H5N1 avian influenza A virus infection by blocking viral entry. CL-385319 is effective in inhibiting infection of highly pathogenic H5N1 influenza A virus in Madin-Darby Canine Kidney (MDCK) cells with an IC ₅₀ of 27.03±2.54 µM. CL385319 with low cytotoxicity (CC ₅₀ =1.48±0.01 mM) could also inhibit entry of pseudoviruses carrying hemagglutinins from H5N1 strains that were isolated from different places at different times, while it had no inhibitory activity on the entry of VSV-G pseudotyped particles.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8187 mL	14.0936 mL	28.1873 mL
5 mM	0.5637 mL	2.8187 mL	5.6375 mL
10 mM	0.2819 mL	1.4094 mL	2.8187 mL
50 mM	0.0564 mL	0.2819 mL	0.5637 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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