

HSP90-IN-14

Chemical Properties

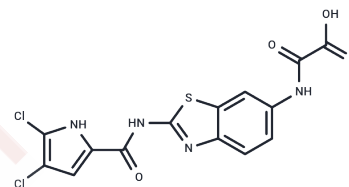
CAS No. : 1995132-67-6

Formula: C₁₄H₈Cl₂N₄O₄S

Molecular Weight: 399.21

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	HSP90-IN-14 (compound 4) is an effective Hsp90 inhibitor (K _d =0.26 μM). In MDCK cells, HSP90-IN-14 demonstrated anti-influenza virus activity with EC ₅₀ values of 2.6 μM against influenza A/H3N2, 3.9 μM against A/H1N1, and 17 μM against the B virus.
Targets(IC ₅₀)	Others,HSP,Influenza Virus
In vitro	HSP90-IN-14 (compound 4) (50 μM) inhibits the influenza virus-induced cytopathic effect at non-toxic concentrations [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5049 mL	12.5247 mL	25.0495 mL
5 mM	0.501 mL	2.5049 mL	5.0099 mL
10 mM	0.2505 mL	1.2525 mL	2.5049 mL
50 mM	0.0501 mL	0.2505 mL	0.501 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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