

Cathepsin C-IN-4

Chemical Properties

CAS No. :

Formula: C₂₁H₁₄ClF₃N₄S

Molecular Weight: 446.88

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	Cathepsin C-IN-4 is a potent inhibitor (IC ₅₀ : 65.6 nM) of histone C. Cathepsin C-IN-4 inhibits THP-1 cells (IC ₅₀ : 203.4 nM) and U937 cells (IC ₅₀ : 177.6 nM).
Targets(IC ₅₀)	Others,Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2377 mL	11.1887 mL	22.3774 mL
5 mM	0.4475 mL	2.2377 mL	4.4755 mL
10 mM	0.2238 mL	1.1189 mL	2.2377 mL
50 mM	0.0448 mL	0.2238 mL	0.4475 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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