

Nampt-IN-10 trihydrochloride

Chemical Properties

CAS No. :

Formula: C₂₇H₃₁Cl₃FN₅O₂

Molecular Weight: 582.92

Keep away from direct sunlight

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	Nampt-IN-10 trihydrochloride (Compound 4) is a Nicotinamide Phosphoribosyltransferase (NAMPT) inhibitor exhibiting cellular potency against A2780 and CORL23 cell lines, with IC ₅₀ values of 5 nM and 19 nM, respectively. It holds potential as a novel non-antimitotic payload for antibody-drug conjugate (ADC) [1].
Targets(IC ₅₀)	Others,NAMPT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7155 mL	8.5775 mL	17.155 mL
5 mM	0.3431 mL	1.7155 mL	3.431 mL
10 mM	0.1716 mL	0.8578 mL	1.7155 mL
50 mM	0.0343 mL	0.1716 mL	0.3431 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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