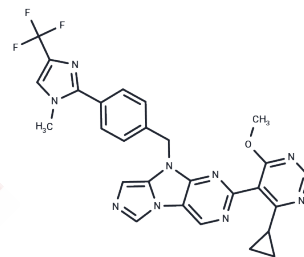


USP1-IN-10

Chemical Properties

CAS No. : 2857051-98-8
 Formula: C₂₇H₂₂F₃N₉O
 Molecular Weight: 545.52
 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	USP1-IN-10 (compound 2) is an effective tricyclic USP1 inhibitor with an IC ₅₀ of 7.6 nM. It inhibits the viability of MDA-MB-436 cells with an IC ₅₀ of 21.58 nM, demonstrating potential for use in cancer research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8331 mL	9.1656 mL	18.3311 mL
5 mM	0.3666 mL	1.8331 mL	3.6662 mL
10 mM	0.1833 mL	0.9166 mL	1.8331 mL
50 mM	0.0367 mL	0.1833 mL	0.3666 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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