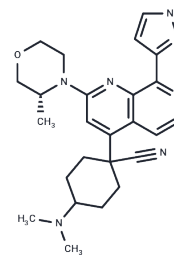


ATR-IN-22

Chemical Properties

CAS No. : 2905312-07-2
 Formula: C₂₅H₃₁N₇O
 Molecular Weight: 445.56
 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	ATR-IN-22 (Compound 34), an orally active ATR inhibitor, exhibits potent anti-proliferative effects on MIAPaCa-2 cells with an IC ₅₀ value of less than 1 μM and demonstrates anti-tumor activity in colon cancer [1].
Targets(IC ₅₀)	ATM/ATR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2444 mL	11.2218 mL	22.4437 mL
5 mM	0.4489 mL	2.2444 mL	4.4887 mL
10 mM	0.2244 mL	1.1222 mL	2.2444 mL
50 mM	0.0449 mL	0.2244 mL	0.4489 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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