

ATR-IN-16

Chemical Properties

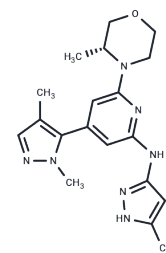
CAS No. : 2756589-62-3

Formula: C₁₉H₂₅N₇O

Molecular Weight: 367.45

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-16 (compound 46) is a potent ATR kinase inhibitor with significant anticancer activity in LoVo cells, as evidenced by an IC ₅₀ value of 410 nM [1].
Targets(IC ₅₀)	ATM/ATR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7215 mL	13.6073 mL	27.2146 mL
5 mM	0.5443 mL	2.7215 mL	5.4429 mL
10 mM	0.2721 mL	1.3607 mL	2.7215 mL
50 mM	0.0544 mL	0.2721 mL	0.5443 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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