

AR/AR-V7-IN-1

Chemical Properties

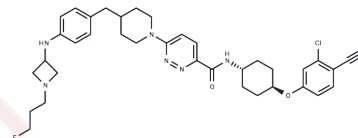
CAS No. : 2964558-54-9

Formula: C₃₆H₄₃ClFN₇O₂

Molecular Weight: 660.22

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	AR/AR-V7-IN-1 (Compound 20i) serves as an inhibitor of AR/ARV7, demonstrating an IC ₅₀ of 172.85 nM. It effectively inhibits cell growth in the LNCaP and 22RV1 cell lines, with IC ₅₀ values of 4.87 μM and 2.07 μM, respectively. Additionally, it shows potent tumor growth inhibition in a 22RV1 xenograft study. AR/AR-V7-IN-1 is useful in studies related to prostate cancer [1].
Targets(IC50)	Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5146 mL	7.5732 mL	15.1465 mL
5 mM	0.3029 mL	1.5146 mL	3.0293 mL
10 mM	0.1515 mL	0.7573 mL	1.5146 mL
50 mM	0.0303 mL	0.1515 mL	0.3029 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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