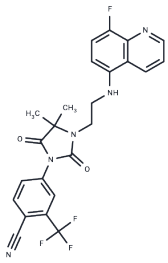
Data Sheet (Cat.No.T87256)

TargetMol

PROTAC AR/AR-V7 degrader-1

Chemical Properties



CAS No. : 2841308-96-9

Formula: C24H19F4N5O2

Molecular Weight: 485.43

Storage: Keep away from direct sunlight
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	PROTAC AR/AR-V7 degrader-1 (27c) serves as a dual degrader targeting both AR and AR-V7, showcasing DC50 values of 2.67 and 2.64 μM for AR and AR-V7, respectively. It effectively induces apoptosis.
Targets(IC50)	Apoptosis,Adrenergic Receptor,PROTACs
In vitro	PROTAC AR/AR-V7 degrader-1 (27c) effectively inhibits the transcriptional activity of the AR signaling pathway. Its IC50 in 22RV1 cells is 0.9 μM [1]. Additionally, PROTAC AR/AR-V7 degrader-1 (27c) overcomes resistance in advanced prostate cancer expressing AR splice variants [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.060 mL	10.3001 mL	20.6003 mL
5 mM	0.412 mL	2.060 mL	4.1201 mL
10 mM	0.206 mL	1.030 mL	2.060 mL
50 mM	0.0412 mL	0.206 mL	0.412 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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