

VNPP433-3 β

Chemical Properties

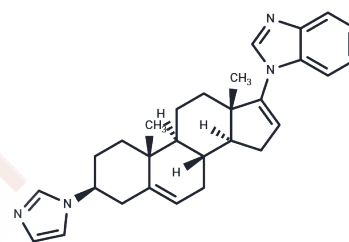
CAS No. : 1630820-51-7

Formula: C₂₉H₃₄N₄

Molecular Weight: 438.61

Storage: Keep away from direct sunlight, Store under nitrogen
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	VNPP433-3 β acts as a molecular glue degrader, targeting the androgen receptor (AR) and its splice variants (AR-Vs) as well as MAP kinase-interacting serine/threonine protein kinase Mnk1/2. It effectively inhibits the proliferation of cancer cells LNCaP, C4-2B, and CWR22Rv1, with GI50 values of 0.2, 0.3, and 0.31 μ M, respectively. Additionally, VNPP433-3 β shows favorable pharmacokinetics in CD-1 mice and suppresses tumor growth in the CWR22Rv1 xenograft mouse model.
Targets(IC50)	Apoptosis, Androgen Receptor, MNK, Molecular Glues

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2799 mL	11.3996 mL	22.7993 mL
5 mM	0.456 mL	2.2799 mL	4.5599 mL
10 mM	0.228 mL	1.140 mL	2.2799 mL
50 mM	0.0456 mL	0.228 mL	0.456 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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