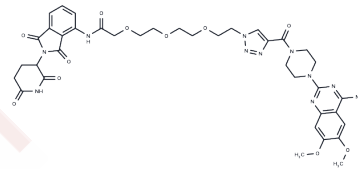


α 1A-AR Degradar 9c

Chemical Properties

CAS No. :	2863635-02-1
Formula:	C38H43N11O11
Molecular Weight:	829.82
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	α 1A-AR Degradar 9c is a potent, selective, and reversible PROTAC degrader targeting the α 1A adrenergic receptor (α 1A-AR) with a DC50 of 2.86 μ M. It promotes the proteasomal degradation of the α 1A-AR and exhibits anti-proliferative effects against PC-3 cells, presenting an IC50 value of 6.12 μ M. This compound demonstrates antitumor activity and holds potential for prostate cancer research [1].
Targets(IC50)	Adrenergic Receptor, PROTACs
In vivo	Compound 9c, an α 1A-AR degrader, at a dose of 50 mg/kg administered intraperitoneally once daily for 15 days, significantly suppresses tumor growth [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2051 mL	6.0254 mL	12.0508 mL
5 mM	0.241 mL	1.2051 mL	2.4102 mL
10 mM	0.1205 mL	0.6025 mL	1.2051 mL
50 mM	0.0241 mL	0.1205 mL	0.241 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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