

## PROTAC AR Degradar-9

## Chemical Properties

CAS No. :

Formula: C43H49ClN6O5

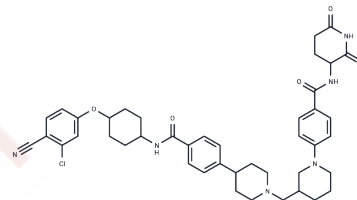
Molecular Weight: 765.339

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 Degradar-9 (Compound c6) is a PROTAC-based degrader specifically targeting the androgen receptor. It effectively degrades the androgen receptor in human dermal papilla cells (HDPC) with a DC50 of 262.38 nM. Additionally, this compound enhances the expression of paracrine factors, such as TGF- $\beta$ 1 and $\beta$ -catenin, thereby promoting hair regeneration in mouse models. [Pink: ligand for target protein AR ligand-38; Black: linker; Blue: ligand for E3 ligase Cereblon]
Targets(IC50)	Androgen Receptor,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3066 mL	6.533 mL	13.0661 mL
5 mM	0.2613 mL	1.3066 mL	2.6132 mL
10 mM	0.1307 mL	0.6533 mL	1.3066 mL
50 mM	0.0261 mL	0.1307 mL	0.2613 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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