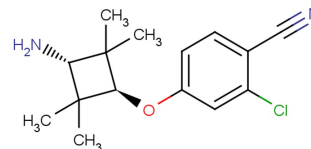


AR antagonist 1

Chemical Properties

CAS No.:	1818885-54-9
Formula:	C ₁₅ H ₁₉ ClN ₂ O
Molecular Weight:	278.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	AR antagonist 1 is a potent antagonist of the androgen receptor. It binds to E3 ligase ligands with weak binding affinities to VHL protein in the synthesis of PROTAC ARD-266.
Targets(IC ₅₀)	androgen receptor: None
In vitro	AR antagonist 1 (compound 29) is the ligand for the target ligase of ARD-266. ARD-266 is a highly potent and VHL E3 ligase-based androgen receptor (AR) PROTAC degrader. AR antagonist 1 exhibits micromolar binding affinity to its E3 ligase complex, it can be successfully employed for the design of highly potent and efficient PROTAC degraders.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.587 mL	17.935 mL	35.871 mL
5 mM	0.717 mL	3.587 mL	7.174 mL
10 mM	0.359 mL	1.794 mL	3.587 mL
50 mM	0.072 mL	0.359 mL	0.717 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Han X, et al. Discovery of Highly Potent and Efficient PROTAC Degradors of Androgen Receptor (AR) by Employing Weak Binding Affinity VHL E3 Ligase Ligands. J Med Chem. 2019 Dec 26;62(24):11218-11231.

Inhibitors · Natural Compounds · Compound Libraries

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

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481