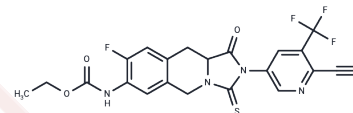


## Androgen receptor antagonist 5

## Chemical Properties

CAS No. : 2586195-28-8  
 Formula: C<sub>21</sub>H<sub>15</sub>F<sub>4</sub>N<sub>5</sub>O<sub>3</sub>S  
 Molecular Weight: 493.43  
 Storage: 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	Androgen receptor antagonist 5 is a potent antagonist of the androgen receptor (AR) (IC <sub>50</sub> : 6.17 μM). Androgen receptor antagonist 5 inhibited the proliferation of prostate cancer cells LNCaP and showed antitumor effect in LNCaP xenograft mice model, which can be used to study prostate cancer.
Targets(IC <sub>50</sub> )	Others,Androgen Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0266 mL	10.1331 mL	20.2663 mL
5 mM	0.4053 mL	2.0266 mL	4.0533 mL
10 mM	0.2027 mL	1.0133 mL	2.0266 mL
50 mM	0.0405 mL	0.2027 mL	0.4053 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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