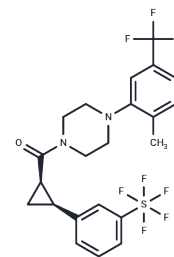


(+)-JJ-74-138

## Chemical Properties

CAS No. : 2135545-34-3  
 Formula: C<sub>22</sub>H<sub>22</sub>F<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 514.48  
 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	(+)-JJ-74-138 is a novel non-competitive androgen receptor (AR) antagonist capable of inhibiting enzalutamide-resistant castration-resistant prostate cancer (CRPC).
Targets(IC50)	Androgen Receptor
In vitro	(+)-JJ-74-138, a potent analog of JJ-450, effectively inhibits androgen-independent activation of the androgen receptor (AR) in cell lines expressing splice variants of AR lacking the LBD. It suppresses mRNA expression of AR and ARv7 target genes and reduces nuclear AR levels in the absence of androgens.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9437 mL	9.7186 mL	19.4371 mL
5 mM	0.3887 mL	1.9437 mL	3.8874 mL
10 mM	0.1944 mL	0.9719 mL	1.9437 mL
50 mM	0.0389 mL	0.1944 mL	0.3887 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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