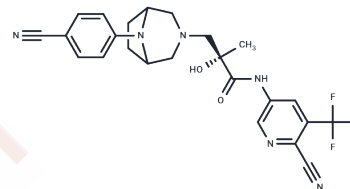


## AR antagonist 12

## Chemical Properties

CAS No. :	2902679-42-7
Formula:	C <sub>24</sub> H <sub>23</sub> F <sub>3</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	484.47
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	AR antagonist 12 (compound 20i) is an orally active androgen receptor antagonist, demonstrating IC <sub>50</sub> values of 119.3 μM for wt-AR and 98.2 μM for AR-F877L. It induces a dose- and time-dependent reduction in the protein levels of AR, AR-v7, and PSA. AR antagonist 12 exhibits anticancer activity, making it useful in the study of Enzalutamide-resistant prostate cancer.
Targets(IC <sub>50</sub> )	Androgen Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0641 mL	10.3206 mL	20.6411 mL
5 mM	0.4128 mL	2.0641 mL	4.1282 mL
10 mM	0.2064 mL	1.0321 mL	2.0641 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481