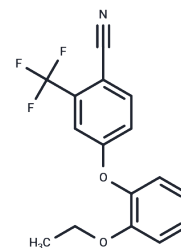


AR antagonist 6

Chemical Properties

CAS No. :	876760-08-6
Formula:	C ₁₆ H ₁₂ F ₃ NO ₂
Molecular Weight:	307.27
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 6 (compound 6i), a diphenyl ether androgen receptor (AR) antagonist, binds to the AR with an affinity of 120 nM. It demonstrates low toxicity and effective in vitro activity in the golden Syrian hamster ear model. [19] [1]
Targets(IC50)	Androgen Receptor
In vitro	AR antagonist 6 inhibits AR in cells at a concentration of 47 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2545 mL	16.2723 mL	32.5447 mL
5 mM	0.6509 mL	3.2545 mL	6.5089 mL
10 mM	0.3254 mL	1.6272 mL	3.2545 mL
50 mM	0.0651 mL	0.3254 mL	0.6509 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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