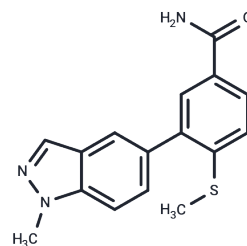


Androgen receptor-IN-6

Chemical Properties

CAS No. :	3016437-05-8
Formula:	C ₁₆ H ₁₅ N ₃ O ₅
Molecular Weight:	297.38
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-IN-6 (compound 16) is an orally active and potent inhibitor of the androgen receptor (IC ₅₀ =0.12 μM in vitro), targeting its disordered N-terminal domain (NTD). It demonstrates good permeability in Caco2 cell membranes and exhibits an oral bioavailability (F%) of 16% in male CD-1 mice.
Targets(IC ₅₀)	Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3627 mL	16.8135 mL	33.627 mL
5 mM	0.6725 mL	3.3627 mL	6.7254 mL
10 mM	0.3363 mL	1.6814 mL	3.3627 mL
50 mM	0.0673 mL	0.3363 mL	0.6725 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