

YXG-158

Chemical Properties

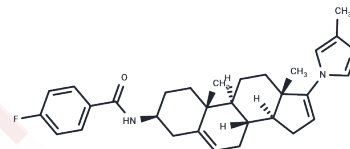
CAS No. : 2952994-34-0

Formula: C₃₀H₃₆FN₃O

Molecular Weight: 473.62

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	YXG-158 (Compound 23-h), an orally active androgen receptor (AR) degrader and cytochrome P450 17A1 (CYP17A1) inhibitor, exhibits AR degradation with a DC50 of 1.28 μM and CYP17A1 inhibition with an IC50 of 100 nM. It is under investigation for potential use in research on enzalutamide-resistant prostate cancer [1].
Targets(IC50)	Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1114 mL	10.557 mL	21.114 mL
5 mM	0.4223 mL	2.1114 mL	4.2228 mL
10 mM	0.2111 mL	1.0557 mL	2.1114 mL
50 mM	0.0422 mL	0.2111 mL	0.4223 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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