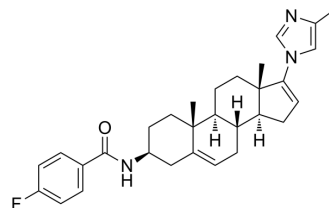


YXG-158

Cat. No.:	HY-155666
CAS No.:	2952994-34-0
Molecular Formula:	C ₃₀ H ₃₆ FN ₃ O
Molecular Weight:	473.62
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	YXG-158 (Compound 23-h) is an orally active AR degrader and CYP17A1 inhibitor. YXG-158 has AR degradation activity with DC ₅₀ value of 1.28 μM. YXG-158 can inhibit CYP17A1 with IC ₅₀ value of 100 nM. XG-158 can be used for the research of enzalutamide-resistant prostate cancer ^[1] .
IC ₅₀ & Target	DC ₅₀ : 1.28 μM (androgen receptor) ^[1] . IC ₅₀ : 100 nM (CYP17A1) ^[1] .

REFERENCES

[1]. Wang A, et al. Discovery of a Novel Bifunctional Steroid Analog, YXG-158, as an Androgen Receptor Degradator and CYP17A1 Inhibitor for the Treatment of Enzalutamide-Resistant Prostate Cancer. J Med Chem. 2023 Jul 27;66(14):9972-9991.

Caution: Product has not been fully validated for medical applications. For research use only.

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