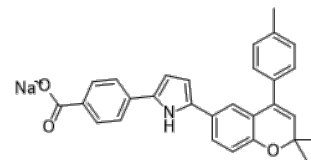


Product Name : YCT-529
Cat. No. : PC-23768
CAS No. : 2863670-67-9
Molecular Formula : C₂₉H₂₄NNaO₃
Molecular Weight : 457.50
Target : RAR/RXR
Solubility : 10 mM in DMSO



Biological Activity

YCT-529 is a potent and selective RAR α antagonist with IC₅₀ of 6.8 nM, shows no activity against RAR β and RAR γ up to 30 μ M.

YCT-529 demonstrated excellent in vivo efficacy in inhibiting spermatogenesis and inducing infertility in mice, with fertility recovery following drug discontinuation.

References

Shi R, et al. Contraception. 2025 Jan 3:110809.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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