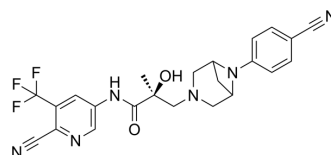


AR antagonist 5

Cat. No.:	HY-157455
CAS No.:	2902679-53-0
Molecular Formula:	C ₂₃ H ₂₁ F ₃ N ₆ O ₂
Molecular Weight:	470.45
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

AR antagonist 5 (compound 30a) is a selective androgen receptor (AR) antagonist with an IC₅₀ value of 134.8 nM. AR antagonist 5 has favorable pharmacokinetic properties and shows a high skin exposure and low plasma exposure^[1].

REFERENCES

[1]. Wenqiang Zhang, et al. Discovery of (2S)-N-(6-Cyano-5-(trifluoromethyl)pyridin-3-yl)-3-(6-(4-cyanophenyl)-3,6-diazabicyclo[3.1.1]heptan-3-yl)-2-hydroxy-2-methylpropanamide as a Highly Potent and Selective Topical Androgen Receptor Antagonist for Androgenetic Alopecia Treatment. *J Med Chem.* 2024, 67,1.

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

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