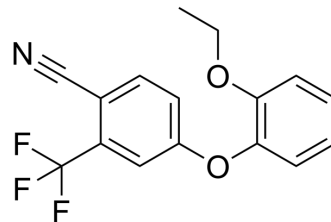


AR antagonist 6

Cat. No.:	HY-160680
CAS No.:	876760-08-6
Molecular Formula:	C ₁₆ H ₁₂ F ₃ NO ₂
Molecular Weight:	307.27
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 6 (compound 6i) is a diphenyl ether androgen receptor (AR) antagonist that binds AR at a concentration of 120 nM. AR antagonist 6 exhibits low toxicity and in vitro activity against the golden Syrian hamster ear model. ^{[19][1]}
In Vitro	The inhibitory concentration of AR antagonist 6 on AR in cells is 47 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mitchell LH, et al. Diphenyl ethers as androgen receptor antagonists for the topical suppression of sebum production. *Bioorg Med Chem Lett.* 2009 Apr 15;19(8):2176-8.

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

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