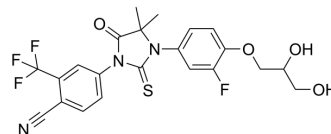


Androgen receptor antagonist 8

Cat. No.:	HY-153772
CAS No.:	1572045-29-4
Molecular Formula:	C ₂₂ H ₁₉ F ₄ N ₃ O ₄ S
Molecular Weight:	497.46
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	Androgen receptor antagonist 8 (Example 13) is an androgen receptor antagonist. Androgen receptor antagonist 8 inhibits prostate specific antigen secretion in LNCap cell (IC ₅₀ : 88 nM). Androgen receptor antagonist 8 can be used for prostate cancer research ^[1] .
In Vitro	Androgen receptor antagonist 8 (Example 13) (4 days) inhibits PSA secretion in LNCap cell with an IC ₅₀ of 88 nM ^[1] . Androgen receptor antagonist 8 (3 days) inhibits LNCap cell proliferation with an IC ₅₀ of 66 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lu, Hejun, et al. Patent. Preparation of imidazoline derivatives as antiandrogens. WO2014036897.

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

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