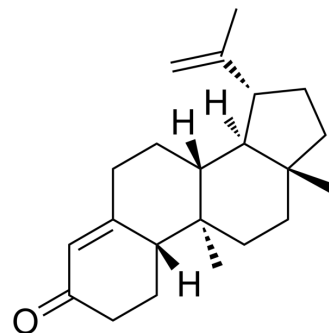


AR antagonist 8

Cat. No.:	HY-163485
Molecular Formula:	C ₂₂ H ₃₂ O
Molecular Weight:	312.49
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 8 (compound 16) is a potent Lupeol-inspired androgen receptor (AR) antagonist with an IC₅₀ of 0.76 μM. AR antagonist 8 is a uniquely substituted unnatural entestrane^[1].

REFERENCES

[1]. Zachary D Stempel, et al. Function-Oriented Synthesis of Pentacyclic Triterpenoids and Discovery of an ent-Estrane as a Natural Product-Inspired Androgen Receptor Antagonist. *Org Lett.* 2024 Apr 19;26(15):3054-3059.

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

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