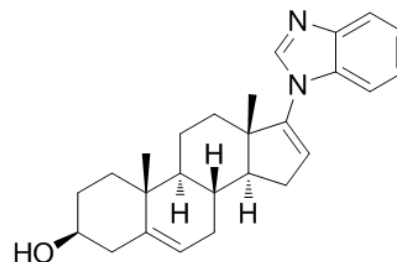


Product Name : TOK-001
Cat. No. : PC-45936
CAS No. : 851983-85-2
Molecular Formula : C₂₆H₃₂N₂O
Molecular Weight : 388.5451
Target : Cytochrome P450 (CYPs)
Solubility : DMSO: 18 mg/mL



Biological Activity

A potent 17 α -hydroxylase/17,20-lyase (CYP17) inhibitor with IC₅₀ of 300 nM; also shown to be potent pure AR antagonist; inhibits the growth of DHT-stimulated LNCaP and LAPC4 prostate cancer cells with IC₅₀ <10 μ M; causes marked down-regulation of AR protein expression, more efficacious than castration in the LAPC4 xenograft model.

Prostate Cancer
Phase 3 Clinical

References

- Handratta VD, et al. J Med Chem. 2005 Apr 21;48(8):2972-84.
Vasaitis T, et al. Mol Cancer Ther. 2008 Aug;7(8):2348-57.
Bruno RD, et al. Mol Cancer Ther. 2008 Sep;7(9):2828-36.

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

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