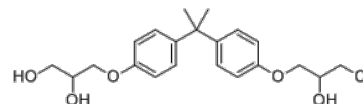


Product Name : EPI-001
Cat. No. : PC-61678
CAS No. : 227947-06-0
Molecular Formula : C₂₁H₂₇ClO₅
Molecular Weight : 394.89
Target : Androgen Receptor (AR)
Solubility :



Biological Activity

EPI-001 is a small molecule that blocks transactivation of the androgen Receptor (AR) NTD (IC₅₀=6 μM) and specifically inhibits AR without attenuating transcriptional activities of related steroid receptors; targets the transactivation unit 5 of AR and interacts with AF-1 in the NTD to prevent protein-protein interactions; inhibits endogenous expression of androgen-regulated genes, inhibits both androgen-dependent and androgen-independent (OCM-induced) proliferation of LNCaP cells; reduces the growth of CRPC xenografts; also is a selective PPAR-gamma modulator.

References

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De Mol E, et al. ACS Chem Biol. 2016 Sep 16;11(9):2499-505.
Andersen RJ, et al. Cancer Cell. 2010 Jun 15;17(6):535-46.
Brand LJ, et al. Oncotarget. 2015 Feb 28;6(6):3811-24.

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

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