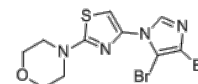


Product Name : VPC14449
Cat. No. : PC-61774
CAS No. : 1621375-32-3
Molecular Formula : C₁₀H₁₀Br₂N₄OS
Molecular Weight : 394.085
Target : Androgen Receptor (AR)
Solubility : 10 mM in DMSO



Biological Activity

VPC14449 (VPC-14449) is a potent and selective androgen receptor DNA-binding domain (**AR-DBD**) inhibitor with IC₅₀ of 0.34 μM, without affecting AR protein expression.

VPC14449 effectively blocks transcriptional activity of full-length and splice variant AR forms at low to sub-micromolar concentrations.

VPC14449 reduces tumor volume and abolishes PSA production in LNCaP xenograft model.

References

Dalal K, et al. *Mol Cancer Ther.* 2017 Aug 3. pii: molcanther.0259.2017.

Dalal K, et al. *J Biol Chem.* 2014 Sep 19;289(38):26417-29.

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

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