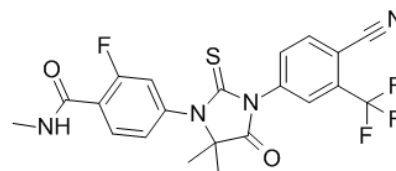


Product Name : Enzalutamide
Cat. No. : PC-45932
CAS No. : 915087-33-1
Molecular Formula : C₂₁H₁₆F₄N₄O₂S
Molecular Weight : 464.4359
Target : Androgen Receptor (AR)
Solubility : 10 mM in DMSO



Biological Activity

Enzalutamide (MDV3100) is a potent, selective and orally available **androgen-receptor (AR)** antagonist with IC₅₀ of 36 nM.

Enzalutamide (MDV3100) reduces the efficiency of AR nuclear translocation, and impairs both DNA binding to androgen response elements and recruitment of coactivators.

Enzalutamide (MDV3100) induces tumor regression in mouse models of castration-resistant human prostate cancer.

References

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Richards J, et al. **Cancer Res**. 2012 May 1;72(9):2176-82.

Scher HI, et al. **N Engl J Med**. 2012 Sep 27;367(13):1187-97.

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

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