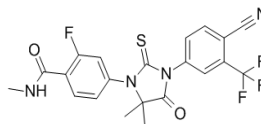


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** : Enzalutamide  
**Cat.No.** : URK-V625  
**CAS No.** : 915087-33-1  
**Molecular Formula** :  $C_{21}H_{16}F_4N_4O_2S$   
**Molecular Weight** : 464.436  
**Target** : Androgen Receptor (AR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

An androgen-receptor (AR) antagonist with IC<sub>50</sub> of 36 nM; reduces the efficiency of AR nuclear translocation, and impairs both DNA binding to androgen response elements and recruitment of coactivators; induces tumor regression in mouse models of castration-resistant human prostate cancer; orally available.

Prostate cancer

Approved

### References

1. Tran C, et al. Science. 2009 May 8;324(5928):787-90.
2. Richards J, et al. Cancer Res. 2012 May 1;72(9):2176-82.
3. Scher HI, et al. N Engl J Med. 2012 Sep 27;367(13):1187-97.

*Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

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

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