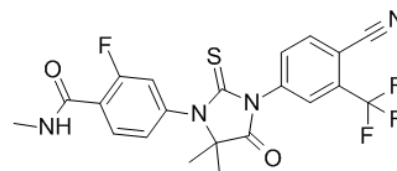


**Product Name** : Enzalutamide  
**Cat. No.** : PC-45932  
**CAS No.** : 915087-33-1  
**Molecular Formula** : C<sub>21</sub>H<sub>16</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S  
**Molecular Weight** : 464.4359  
**Target** : Androgen Receptor (AR)  
**Solubility** : 10 mM in DMSO



## 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

Tran C, et al. Science. 2009 May 8;324(5928):787-90.

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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