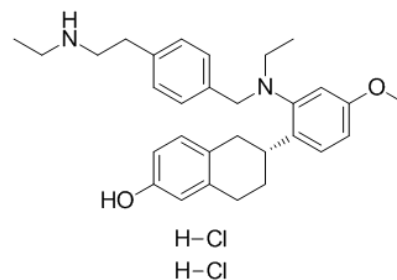


**Product Name** : Elacestrant dihydrochloride  
**Cat. No.** : PC-45734  
**CAS No.** : 1349723-93-8  
**Molecular Formula** : C<sub>30</sub>H<sub>40</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 531.5568  
**Target** : Estrogen Receptor/ERR  
**Solubility** : DMSO: 17.6 mg/mL; H<sub>2</sub>O



## Biological Activity

Elacestrant (RAD-1901) is a novel, orally bioavailable small-molecule selective estrogen receptor degrader (**SERD**); inhibits ER $\alpha$  expression in MCF-7 cells (IC<sub>50</sub>=0.6 nM); induces the degradation of ER, inhibits ER-mediated signaling and growth of ER+ breast cancer cell lines in vitro and in vivo, and significantly inhibits tumor growth of multiple PDX models.

Breast Cancer  
Phase 2 Clinical

## References

Wardell SE, et al. *Endocr Relat Cancer*. 2015 Oct;22(5):713-24.

Garner F, et al. *Anticancer Drugs*. 2015 Oct;26(9):948-56.

Bihani T, et al. *Clin Cancer Res*. 2017 May 4. pii: clincanres.2561.2016.

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

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