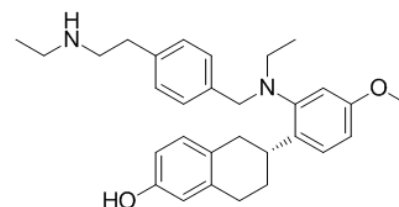


**Product Name** : Elacestrant  
**Cat. No.** : PC-45733  
**CAS No.** : 722533-56-4  
**Molecular Formula** : C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 458.6349  
**Target** : Estrogen Receptor/ERR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Elacestrant (RAD-1901) is a novel, orally bioavailable small-molecule selective **estrogen receptor degrader (SERD)**.

Elacestrant (RAD-1901) inhibits ER $\alpha$  expression in MCF-7 cells (IC<sub>50</sub>=0.6 nM).

Elacestrant (RAD-1901) 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.

## 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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