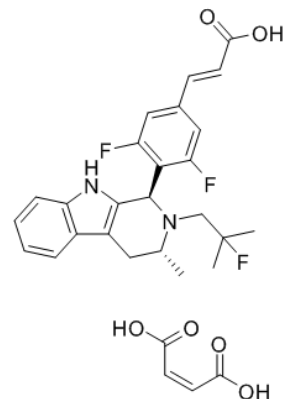


**Product Name** : AZD9496 maleate  
**Cat. No.** : PC-43271  
**CAS No.** : 1639042-28-6  
**Molecular Formula** : C<sub>29</sub>H<sub>29</sub>F<sub>3</sub>N<sub>2</sub>O<sub>6</sub>  
**Molecular Weight** : 558.5456  
**Target** : Estrogen Receptor/ERR  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent, selective estrogen receptor downregulator (**SERD**) with ER downregulation pIC<sub>50</sub> of 9.68; shows pM equipotent binding to both ER $\alpha$  and ER $\beta$  isoforms, highly selective binding compared with progesterone (~650-fold), glucocorticoid (~11,223-fold), and androgen (~36,375-fold) receptor LBDs; downregulator of ER $\alpha$  in vitro and in vivo in ER-positive models of breast cancer and orally available.

Breast Cancer  
Phase 1 Clinical

## References

De Savi C, et al. J Med Chem. 2015 Oct 22;58(20):8128-40.

Weir HM, et al. Cancer Res. 2016 Jun 1;76(11):3307-18.

Toy W, et al. Cancer Discov. 2017 Mar;7(3):277-287.

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

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