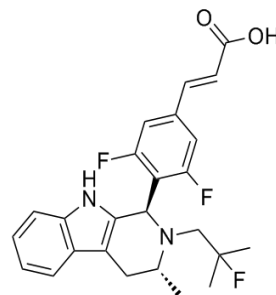


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** :AZD9496  
**Cat.No.** :URK-V691  
**CAS No.** :1639042-08-2  
**Molecular Formula** :C<sub>25</sub>H<sub>25</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** :442.473  
**Target** :Estrogen Receptor/ERR  
**Solubility** :DMSO: ≥ 104.5 mg/mL



### 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 ERα and ERβ isoforms, highly selective binding compared with progesterone (~650-fold), glucocorticoid (~11,223-fold), and androgen (~36,375-fold) receptor LBDs; downregulator of ERα in vitro and in vivo in ER-positive models of breast cancer and orally available.

Breast Cancer

Phase 1 Clinical

### References

1. De Savi C, et al. J Med Chem. 2015 Oct 22;58(20):8128-40.
2. Weir HM, et al. Cancer Res. 2016 Jun 1;76(11):3307-18.
3. Toy W, et al. Cancer Discov. 2017 Mar;7(3):277-287.

*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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