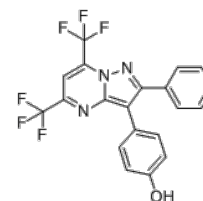


**Product Name** : PHTPP  
**Cat. No.** : PC-60267  
**CAS No.** : 805239-56-9  
**Molecular Formula** : C<sub>20</sub>H<sub>11</sub>F<sub>6</sub>N<sub>3</sub>O  
**Molecular Weight** : 423.3  
**Target** : Estrogen Receptor/ERR  
**Solubility** : 10 mM in DMSO



## Biological Activity

PHTPP is a potent, selective antagonist of estrogen **ER $\beta$**  receptor, exhibits 36-fold selective for ER $\beta$ . PHTPP is fully effective as an ER $\alpha$  antagonist, while exhibiting no significant agonism on ER $\beta$  or ER $\alpha$ . PHTPP enhances SKOV3 and OV2008 ovarian cancer cell growth in in vitro assays.

## References

- Compton DR, et al. *J Med Chem*. 2004 Nov 18;47(24):5872-93.  
Chan KK, et al. *J Endocrinol*. 2014 May 12;221(2):325-36.  
Kajta M, et al. *Neuroscience*. 2013 May 15;238:345-60.

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

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