

# PHTPP

**Catalog No: tcsc0027927**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

805239-56-9

**Formula:**

$C_{20}H_{11}F_6N_3O$

**Pathway:**

Others

**Target:**

Estrogen Receptor/ERR

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

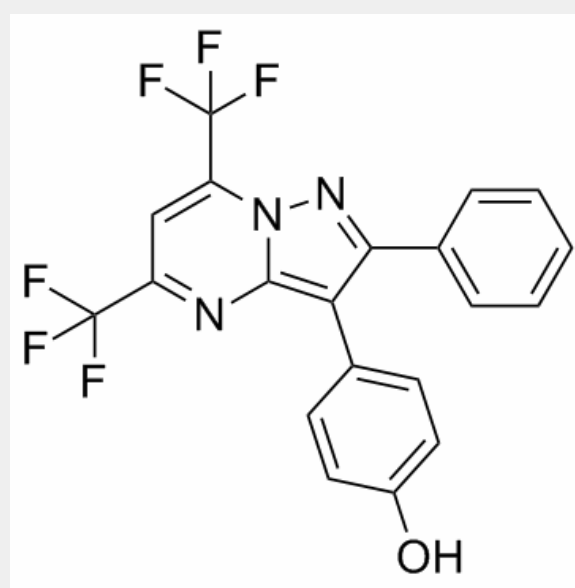
**Observed Molecular Weight:**

423.31

PHTPP is a selective **ER $\beta$**  antagonist.

IC50 & Target: ER $\beta$ <sup>[1]</sup>

**In Vitro:** PHTPP is a selective ER $\beta$  antagonist. PHTPP reduces FSH-mediated cAMP production by 80% (p[1]. PHTPP (10<sup>-6</sup> M) inhibits E2-stimulated ER $\beta$  activity, but does not suppress E2-stimulated ER $\alpha$  activity. A high dose of PHTPP (10<sup>-6</sup> M) slightly increases class 1 *Igf1* mRNA expression, and facilitates the DPN-induced increase in class 1 *Igf1* mRNA expression<sup>[2]</sup>.



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