

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:

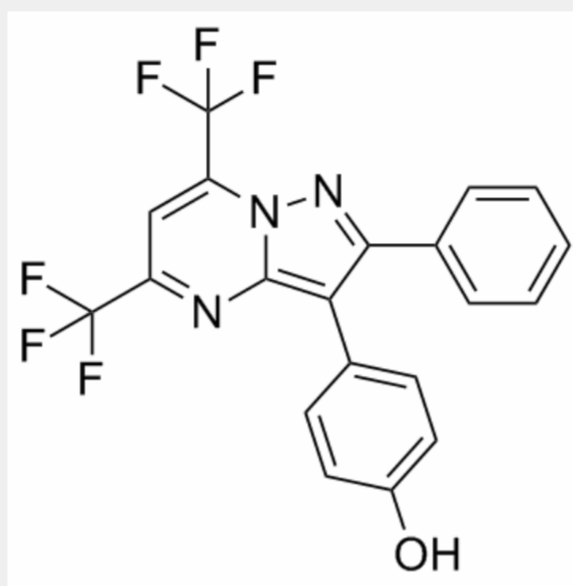
423.31

Product Description

PHTPP is a selective **ER β** antagonist.

IC50 & Target: ER β ^[1]

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



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!