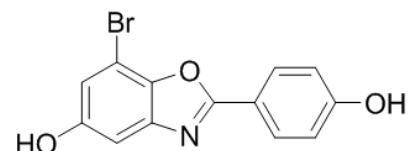


Product Name : WAY-200070
Cat. No. : PC-42344
CAS No. : 440122-66-7
Molecular Formula : C₁₃H₈BrNO₃
Molecular Weight : 306.11152
Target : Estrogen Receptor/ERR
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

WAY-200070 is a potent, highly selective ER β agonist with IC₅₀ of 3 nM, displays 68-fold selectivity over ER α (IC₅₀=260 nM); induces galanin expression within gonadotropin hormone-releasing hormone-immunoreactive neurons in the female rat brain, causes and learn the socially acquired preferenc in mice, deonstrates the anxiolytic-like and antidepressant-like effects in vivo.

References

- Hughes ZA, et al. *Neuropharmacology*. 2008 Jun;54(7):1136-42.
Clipperton AE, et al. *Neuropsychopharmacology*. 2008 Sep;33(10):2362-75.
Malamas MS, et al. *J Med Chem*. 2004 Oct 7;47(21):5021-40.

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

E-mail: tech@probechem.com