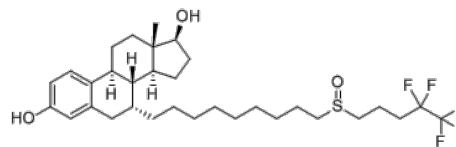


Product Name : Fulvestrant
Cat. No. : PC-21622
CAS No. : 129453-61-8
Molecular Formula : C₃₂H₄₇F₅O₃S
Molecular Weight : 606.78
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO



Biological Activity

Fulvestrant (ICI 182780) is a steroidal antiestrogen, and potent, specific estrogen receptor (ER) antagonist with IC₅₀ of 0.94 nM.

Fulvestrant (ICI 182780) effectively inhibits the growth of ER-positive MCF-7 cells with IC₅₀ of 0.29 nM.

Fulvestrant (ICI 182780) is a more effective inhibitor of MCF-7 growth than 4'-hydroxytamoxifen.

Fulvestrant (ICI 182780) exhibits antitumor activity in xenografts of MCF-7 and Br10 human breast cancers in nude mice.

References

Yu X, et al. Mol Cancer. 2015 Dec 15;14:208.

Wakeling AE, et al. Cancer Res. 1991 Aug 1;51(15):3867-73.

Brüner N, et al. Cancer Res. 1993 Jul 15;53(14):3229-32.

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

E-mail: tech@probechem.com