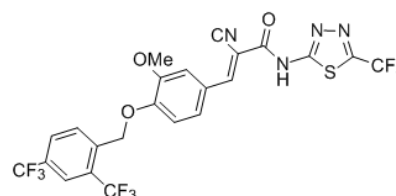


Product Name : XCT790
Cat. No. : PC-42580
CAS No. : 725247-18-7
Molecular Formula : C₂₃H₁₃F₉N₄O₃S
Molecular Weight : 596.4249
Target : Estrogen Receptor/ERR
Solubility : DMSO: 21 mg/mL
4. Chang CY, et al. Cancer Cell. 2011 Oct 18;20(4):500-10.



Biological Activity

A potent and selective **ERR α** inverse agonist with IC₅₀ of 300-500 nM in transient transfection assays; shows no significant antagonist activity on related nuclear receptors (ERR γ or ER α , LXR α , LXR β , FXR, PPAR α , PPAR δ , PPAR γ , Nurr1, RAR α , ROR α , and RXR α) at 10 μ M; inhibits PGC-1 α regulation of ERR α and ERR α target gene expression; inhibits proliferation in cellular models of breast cancer.

References

- Willy PJ, et al. Proc Natl Acad Sci U S A. 2004 Jun 15;101(24):8912-7.
Busch BB, et al. J Med Chem. 2004 Nov 4;47(23):5593-6.
Lanvin O, et al. J Biol Chem. 2007 Sep 28;282(39):28328-34.

