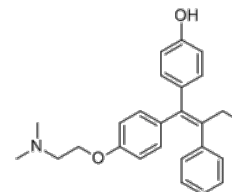


Product Name : 4-Hydroxytamoxifen
Cat. No. : PC-70134
CAS No. : 68392-35-8
Molecular Formula : C₂₆H₂₉NO₂
Molecular Weight : 387.5139
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO



Biological Activity

4-Hydroxytamoxifen (Afimoxifene) is a selective estrogen receptor modulator (**SERM**) and the major active metabolite of tamoxifen.

4-Hydroxytamoxifen exhibits more potent estrogen agonist/antagonist activity and can inhibit MCF-7 and MDA-MB-231 cell proliferation with IC₅₀ values of 27 and 18 uM, respectively.

References

Mansel R, et al. *Breast Cancer Res Treat.* 2007 Dec;106(3):389-97.

Desta Z, et al. *J Pharmacol Exp Ther.* 2004 Sep;310(3):1062-75.

Seeger H, et al. *Horm Metab Res.* 2004 May;36(5):277-80.

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

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