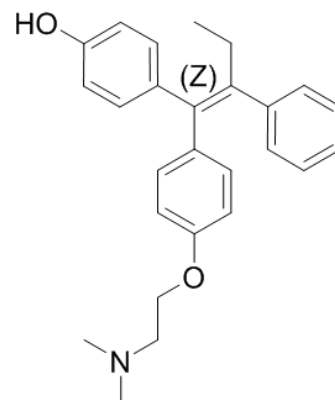


Product Name : (Z)-4-Hydroxytamoxifen
Cat. No. : PC-45096
CAS No. : 68047-06-3
Molecular Formula : C₂₆H₂₉NO₂
Molecular Weight : 387.5139
Target : Estrogen Receptor/ERR
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

A major metabolite of tamoxifen, a well-known **Estrogen receptor** antagonist in breast but partial estrogen receptor agonist in endometrium; shows a 100-fold increased affinity for ER and approximately 100-times more potent than trans-tamoxifen in suppressing cell growth and plasminogen activator activity.

References

- Katzenellenbogen BS, et al. Cancer Res. 1984 Jan;44(1):112-9.
Desta Z, et al. J Pharmacol Exp Ther. 2004 Sep;310(3):1062-75.
Crewe HK, et al. Drug Metab Dispos. 2002 Aug;30(8):869-74.

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

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