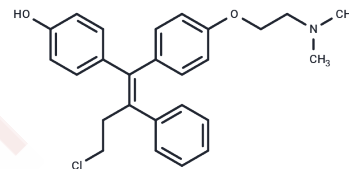


4-Hydroxytoremifene

Chemical Properties

CAS No. :	110503-62-3
Formula:	C ₂₆ H ₂₈ ClNO ₂
Molecular Weight:	421.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Hydroxytoremifene is a selective estrogen receptor modulator toremifene active metabolite.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3699 mL	11.8495 mL	23.6989 mL
5 mM	0.474 mL	2.3699 mL	4.7398 mL
10 mM	0.237 mL	1.1849 mL	2.3699 mL
50 mM	0.0474 mL	0.237 mL	0.474 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Fan PW, Zhang F, Bolton JL. 4-Hydroxylated metabolites of the antiestrogens tamoxifen and toremifene are metabolized to unusually stable quinone methides. *Chem Res Toxicol.* 2000 Jan;13(1):45-52. PubMed PMID: 10649966.
- Yao D, Zhang F, Yu L, Yang Y, van Breemen RB, Bolton JL. Synthesis and reactivity of potential toxic metabolites of tamoxifen analogues: droloxifene and toremifene o-quinones. *Chem Res Toxicol.* 2001 Dec;14(12):1643-53. PubMed PMID: 11743747.
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