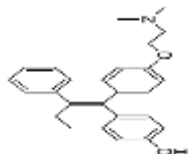


**PRODUCT: (E/Z)-4-Hydroxytamoxifen****ALTERNATE NAMES:** 4-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-1-buten-1-yl]-phenol; Afimoxifene; 4-OHT**CATALOG NUMBER:** B2030-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>26</sub>H<sub>29</sub>NO<sub>2</sub>**MOLECULAR WEIGHT:** 387.5**CAS NUMBER:** 68392-35-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~2 mg/ml) or EtOH (~ 20 mg/ml)**PURITY:** ≥98% (E) and (Z) isomers (50:50)**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** 4-Hydroxytamoxifen is an active metabolite of the chemotherapeutic drug tamoxifen (**Cat. No. 1551**) displaying more potent estrogen agonist/antagonist activity than the parent drug tamoxifen. Also active as intra-membranous inhibitor of lipid peroxidation.**REFERENCES:** Duan, LK., *et al.* (2014). *Cancer Lett.* **353**, 290-300.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Endoxifen (**9614**)Tamoxifen Citrate (**1551**)(Z)-4-Hydroxytamoxifen (**B1114**)(E/Z)-4-Hydroxytaqmxifen (**B2030**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**