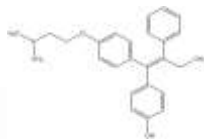


PRODUCT: (Z)-4-Hydroxytamoxifen**ALTERNATE NAME:** 4-[(1Z)-1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenyl-1-buten-1-yl]phenol; 4-OH-TAM**CATALOG #:** B1114-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₆H₂₉NO₂**MOLECULAR WEIGHT:** 387.51**CAS NUMBER:** 68047-06-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>35 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** (Z)-4-Hydroxytamoxifen is a metabolite of Tamoxifen (Cat. No. 1551); acts as a potent estrogen receptor antagonist. Displays more potency than the parent compound. Also activates intein-linked inactive Cas9, reducing off-target CRISPR-mediated gene editing.**REFERENCES:** Davis, K.M., *et al.* (2015). *Nat. Chem. Biol.* **11**, 316-318.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Azidothymidine (**B1113**)
(Z)-4-Hydroxytamoxifen (**B1114**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**