
Endoxifen

产品编号: D55798

CAS: 110025-28-0

分子式: C₂₅H₂₇NO₂

纯度: 98.75%

InChi Key: InChiKey=MHJBZVSGOZTKRH-UHFFFAOYSA-N

Smiles: CCC(=C(c1ccc(O)cc1)c1ccc(OCCNC)cc1)c1ccccc1

外观: 固体粉末

作用通路: Endocrinology/Hormones; Metabolism; Microbiology/virology

作用靶点: Aromatase; Drug Metabolite; Estrogen Receptor/ERR; Estrogen/progestogen Receptor;
Parasite

溶解性: DMSO: 27.5 mg/mL (73.63 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: (E/Z)-Endoxifen is an active metabolite of tamoxifen produced by the sequential action of cytochrome P450 (CYP) isoforms, including CYP2D6. It is a strong anti-estrogen, as it has an approximately 100-fold greater affinity for estrogen receptors than tamoxifen. As the efficient conversion of tamoxifen to endoxifen depends on CYP2D6, polymorphisms in this CYP isoform can impact the effectiveness of TMX treatment.