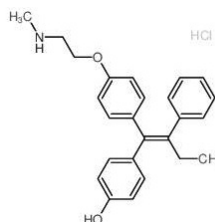


Product Name	: Endoxifen HCl	
Synonyms	: Z-Endoxifen HCl; Z Endoxifen HCl; ZEndoxifen Hydrochloride	
Cat No.	: M17762	
CAS Number	: 1032008-74-4	
Molecular Formula	: C ₂₅ H ₂₈ ClNO ₂	
Formula Weight	: 409.95	
Chemical Name	: 4-[(Z)-1-[4-[2-(Methylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol hydrochloride	
Description	Z-Endoxifen HCl is an estrogen receptor alpha (ERalpha) ligand, potent antiestrogen, and metabolite of tamoxifen. Z-endoxifen is the most potent of the metabolites of tamoxifen, and has the potential to be more effective than tamoxifen because it bypasses potential drug resistance mechanisms attributable to patient variability in the expression of the hepatic microsomal enzyme CYP2D6.	
Pathway	: Membrane Transporter/Ion Channel	
Target	: Sodium Channel	
Receptor	: ER	
Solubility	: DMSO : 12.5 mg/mL 30.49 mM; H ₂ O : < 0.1 mg/mL	
SMILES	: <chem>CC/C(=C(\c1ccc(cc1)O)/c1ccc(cc1)OCCNC)/c1ccccc1.Cl</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	



1. Chae YJ, et al. Endoxifen, the active metabolite of tamoxifen, inhibits cloned hERG potassium channels. Eur J Pharmacol. 2015 Apr 5;752:1-7.