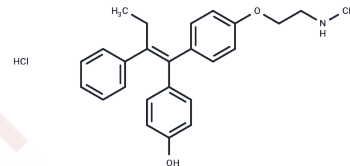


Endoxifen E-isomer hydrochloride

Chemical Properties

CAS No. :	1197194-61-8
Formula:	C ₂₅ H ₂₈ ClNO ₂
Molecular Weight:	409.95
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Endoxifen E-isomer hydrochloride (E-Endoxifen hydrochloride), a tamoxifen metabolite, is an effective and specific Estrogen Response Modifier (SERM).
Targets(IC50)	Estrogen Receptor/ERR, Estrogen/progestogen Receptor

Solubility Information

Solubility	DMSO: 30 mg/mL (73.18 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.88 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4393 mL	12.1966 mL	24.3932 mL
5 mM	0.4879 mL	2.4393 mL	4.8786 mL
10 mM	0.2439 mL	1.2197 mL	2.4393 mL
50 mM	0.0488 mL	0.2439 mL	0.4879 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

Chae YJ, et al. Eur J Pharmacol. 2015 Apr 5;752:1-7.

Wu X, et al. Breast Y Res. 2011 Mar 10;13(2):R27.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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