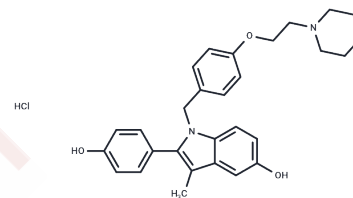


Pipendoxifene hydrochloride

Chemical Properties

CAS No. :	245124-69-0
Formula:	C ₂₉ H ₃₃ ClN ₂ O ₃
Molecular Weight:	493.04
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pipendoxifene hydrochloride is a selective modulator of estrogen receptor.
Targets(IC50)	Estrogen Receptor/ERR
In vitro	Pipendoxifene hydrochloride exhibits an excellent preclinical pharmacological profile. Pipendoxifene hydrochloride can be used in studies about the treatment of metastatic breast cancer[1].

Solubility Information

Solubility	DMSO: 90 mg/mL (182.5 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0282 mL	10.1412 mL	20.2823 mL
5 mM	0.4056 mL	2.0282 mL	4.0565 mL
10 mM	0.2028 mL	1.0141 mL	2.0282 mL
50 mM	0.0406 mL	0.2028 mL	0.4056 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.

Reference

Shelly W, et al. Selective estrogen receptor modulators: an update on recent clinical findings. Obstet Gynecol Surv. 2008 Mar;63(3):163-81.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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