

Pipendoxifene hydrochloride

Chemical Properties

CAS No.:	245124-69-0
Formula:	C ₂₉ H ₃₃ CIN ₂ O ₃
Molecular Weight:	493.04
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Pipendoxifene hydrochloride is a selective modulator of estrogen receptor (SERMs).
Targets(IC ₅₀)	Others: None
In vitro	Pipendoxifene is a 2-phenyl indole selective modulators of estrogen receptor(SERM) that exhibits an excellent preclinical pharmacological profile and is selected for further development as a treatment for metastatic breast cancer[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.028 mL	10.141 mL	20.282 mL
5 mM	0.406 mL	2.028 mL	4.056 mL
10 mM	0.203 mL	1.014 mL	2.028 mL
50 mM	0.041 mL	0.203 mL	0.406 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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