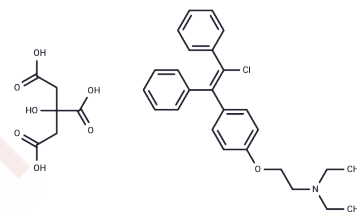


Zuclomiphene citrate

Chemical Properties

CAS No. :	7619-53-6
Formula:	C32H36ClNO8
Molecular Weight:	598.08
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zuclomiphene citrate, a cis isomer of Clomiphene citrate, exhibits an antiestrogenic effect and inhibits the secretion of luteinizing hormone (LH) more effectively than its trans isomer.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.672 mL	8.3601 mL	16.7202 mL
5 mM	0.3344 mL	1.672 mL	3.344 mL
10 mM	0.1672 mL	0.836 mL	1.672 mL
50 mM	0.0334 mL	0.1672 mL	0.3344 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

- Fontenot GK, et al. Differential effects of isomers of clomiphene citrate on reproductive tissues in male mice. *BJU Int.* 2016 Feb;117(2):344-50.
- Mikkelsen TJ, et al. Single-dose pharmacokinetics of clomiphene citrate in normal volunteers. *Fertil Steril.* 1986 Sep;46(3):392-6.
- Sutherland RL. Estrogen antagonists in chick oviduct: antagonist activity of eight synthetic triphenylethylene derivatives and their interactions with cytoplasmic and nuclear estrogen receptors. *Endocrinology.* 1981 Dec;109(6):2061-8.
- Ramsey RB, et al. The biochemical and morphological response of hydrolytic enzymes in the developing brain to hypocholesterolemic agents. *Acta Neuropathol.* 1980;49(2):89-94.

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