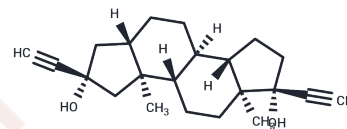


Anordiol

Chemical Properties

CAS No. :	1045-29-0
Formula:	C ₂₂ H ₃₀ O ₂
Molecular Weight:	326.47
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	Anordiol is an antiestrogen with estrogenic activity. It also is known to inhibit fertility.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0631 mL	15.3153 mL	30.6307 mL
5 mM	0.6126 mL	3.0631 mL	6.1261 mL
10 mM	0.3063 mL	1.5315 mL	3.0631 mL
50 mM	0.0613 mL	0.3063 mL	0.6126 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

- Ma B, Xiang Y, Mu SM, Li T, Yu HM, Li XJ. Effects of acetazolamide and anordiol on osmotic water permeability in AQP1-cRNA injected *Xenopus* oocyte. *Acta Pharmacol Sin.* 2004 Jan;25(1):90-7. PubMed PMID: 14704128.
- Dao B, Vanage G, Li XJ, Bardin CW, Koide SS. Comparative effectiveness of three antiprogestins alone and in combination with anordiol in terminating pregnancy in the rat. *Contraception.* 1997 Jan;55(1):35-40. PubMed PMID: 9013059.
- Li XJ, Yu H, Koide SS. Effect of mifepristone and antiestrogens on uterine PGF₂ alpha and PGE₂ concentrations in ovariectomized and pregnant rats. *Prostaglandins.* 1997 Mar;53(3):187-97. PubMed PMID: 9206800.
- Wang WC, Chang CC, Bardin CW. Anordiol is more potent than anordrin for terminating pregnancy when administered with RU 486. *Contraception.* 1993 Jun;47(6):609-16. PubMed PMID: 8334895.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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