

Ethamoxytriphetol

Chemical Properties

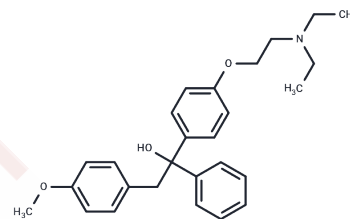
CAS No. : 67-98-1

Formula: C₂₇H₃₃NO₃

Molecular Weight: 419.56

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	Ethamoxytriphetol is a non-steroidal estrogen antagonist.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3834 mL	11.9172 mL	23.8345 mL
5 mM	0.4767 mL	2.3834 mL	4.7669 mL
10 mM	0.2383 mL	1.1917 mL	2.3834 mL
50 mM	0.0477 mL	0.2383 mL	0.4767 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

Craig Jordan V, McDaniel R, Agboke F, Maximov PY. The evolution of nonsteroidal antiestrogens to become selective estrogen receptor modulators. *Steroids*. 2014 Nov;90:3-12. doi: 10.1016/j.steroids.2014.06.009. Epub 2014 Jun 17. PubMed PMID: 24949934; PubMed Central PMCID: PMC4192084.

Dobrydneva Y, Weatherman RV, Trebley JP, Morrell MM, Fitzgerald MC, Fichandler CE, Chatterjee N, Blackmore PF. Tamoxifen stimulates calcium entry into human platelets. *J Cardiovasc Pharmacol*. 2007 Oct;50(4):380-90. PubMed PMID: 18049305.

Weems YS, Lewis AW, Randel RD, Weems CW. Effects of prostaglandins E2 and F2alpha (PGE2; PGF2alpha), trilostane, mifepristone, palmitic acid (PA), indomethacin (INDO), ethamoxytriphetol (MER-25), PGE2 + PA, or PGF2alpha + PA on PGE2, PGF2alpha, and progesterone secretion by bovine corpora lutea of mid-pregnancy in vitro. *Chin J Physiol*. 2002 Dec 31;45(4):163-8. Erratum in: *Chin J Physiol*. 2003 Mar 31;46(1):40. PubMed PMID: 12817707.

Kim L, Weems YS, Bridges PJ, LeaMaster BR, Ching L, Vincent DL, Weems CW. Effects of indomethacin, luteinizing hormone (LH), prostaglandin E2 (PGE2), trilostane, mifepristone, ethamoxytriphetol (MER-25) on secretion of prostaglandin E (PGE), prostaglandin F2alpha (PGF2alpha) and progesterone by ovine corpora lutea of pregnancy or the estrous cycle. *Prostaglandins Other Lipid Mediat*. 2001 Mar;63(4):189-203. PubMed PMID: 11305696.

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