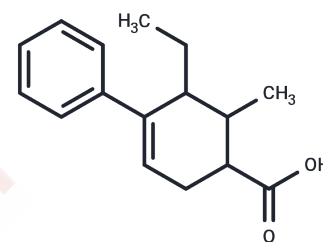


## Fenestrel

## Chemical Properties

CAS No. :	7698-97-7
Formula:	C <sub>16</sub> H <sub>20</sub> O <sub>2</sub>
Molecular Weight:	244.334
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	Fenestrel is a synthetic, nonsteroidal estrogen that was developed as a postcoital contraceptive in the 1960s. Fenestrel is a seco analogue of doisyolic acid and a member of the cyclohexenecarboxylic acid series of estrogens.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0928 mL	20.4641 mL	40.9283 mL
5 mM	0.8186 mL	4.0928 mL	8.1857 mL
10 mM	0.4093 mL	2.0464 mL	4.0928 mL
50 mM	0.0819 mL	0.4093 mL	0.8186 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

Greenslade FC, Hahn DW. Stimulation of uterine RNA synthesis in mice by the post-coital antifertility agent, ORF 3858. J Reprod Fertil. 1975 Nov;45(2):401-3. PubMed PMID: 1206637.

McCormack JJ, Homm RE, McGuire JL, Alton KB, Grimes RM, Greenslade FC. Inhibition of embryonic development in Rana pipiens by 2-methyl-3-ethyl-4-phenyl-4-cyclohexene carboxylic acid (ORF 3858). J Reprod Fertil. 1974 Jan;36(1):253-6. PubMed PMID: 4543808.

McGuire JL, Turner GD, Greenslade FC. Studies on the effect of 2-methyl-3-ethyl-4-phenyl-delta-4-cyclohexene carboxylic acid (ORF 3858) and its p-hydroxylated metabolites on uptake of 3H-estradiol-17beta by the uterus. Proc Soc Exp Biol Med. 1971 Jan;136(1):146-9. PubMed PMID: 5540597.

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