

Product Information

Product ID H1894
CAS No. 84-16-2
Chemical Name 4,4'-(1,2-Diethylethyl-1,2-ethanediyl)bisphenol

Synonym Dihydrodiethylstilbestrol, Synthovo, Cycloestrol, Hormoestrol, Syntrogene

Formula C₁₈H₂₂O₂

Formula Wt. 270.37

Melting Point 185-188°C

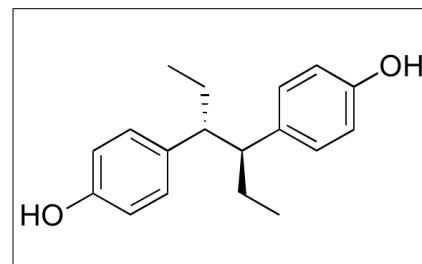
Purity ≥98%

Solubility Soluble in ether, acetone, alcohol, and methanol. Slightly soluble in benzene and chloroform.

Store Temp Ambient

Ship Temp Ambient

Description Hexestrol is a synthetic catechol that exhibits carcinogenic and estrogenic activities. Hexestrol inhibits tubulin assembly and induces mitotic arrest and aneuploidy in vitro. Hexestrol also forms DNA adducts, potentially initiating carcinogenesis.



Bulk quantities available upon request

Product ID	Size
H1894	1 g
H1894	5 g

References Cavalieri EL, Rogan EG. A unifying mechanism in the initiation of cancer and other diseases by catechol quinones. *Ann N Y Acad Sci.* 2004 Dec;1028:247-57. PMID: 15650250.

Chaudoreille MM, Peyrot V, Braguer D, et al. Qualitative study of the interaction mechanism of estrogenic drugs with tubulin. *Biochem Pharmacol.* 1991 Mar 1;41(5):685-93. PMID: 1847811.

Wheeler WJ, Cherry LM, Downs T, et al. Mitotic inhibition and aneuploidy induction by naturally occurring and synthetic estrogens in Chinese hamster cells in vitro. *Mutat Res.* 1986 Jul;171(1):31-41. PMID: 3724781.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.