



LKT Laboratories, Inc.

## Diethylstilbestrol

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

### Product Information

**Product ID** D3218

**CAS No.** 56-53-1

**Chemical Name** 4,4'-[(1E)-1,2-Diethyl-1,2-ethenediyl]bisphenol

**Synonym** Stilbestrol, DES, Apstil, Cyren A, Stilbetin

**Formula** C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>

**Formula Wt.** 268.35

**Melting Point** 169-172 °C

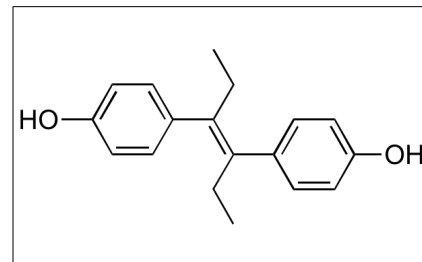
**Purity** ≥98%

**Solubility** Soluble in alcohol, ether,  
chloroform or fatty oils.  
Insoluble in water.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Diethylstilbestrol is a synthetic non-steroidal estrogen that exhibits anticancer activity. Diethylstilbestrol was previously used to treat breast cancer, prostate cancer, vaginitis, symptoms of menopause, and in the prevention of miscarriage. This compound is no longer clinically used for these purposes and has since been classified as an endocrine disrupter.



**Bulk quantities available upon request**

Product ID	Size
D3218	1 g
D3218	5 g
D3218	10 g

**References** Ingle JN, Ahmann DL, Green SJ, et al. Randomized clinical trial of diethylstilbestrol versus tamoxifen in postmenopausal women with advanced breast cancer. *N Engl J Med.* 1981 Jan 1;304(1):16-21. PMID: 7001242.

Dieckmann WJ, Davis ME, Rynkiewicz LM, et al. Does the administration of diethylstilbestrol during pregnancy have therapeutic value? *Am J Obstet Gynecol.* 1953 Nov;66(5):1062-81. PMID: 13104505.

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