



LKT Laboratories, Inc.

Hydroquinone

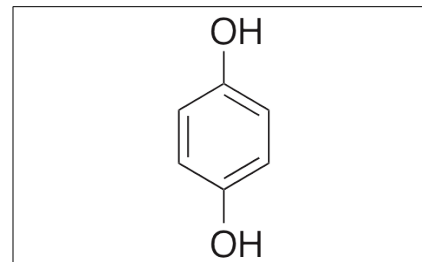
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Product Information

Product ID H9618
CAS No. 123-31-9
Chemical Name 1,4-Benzenediol

Synonym Aida, Eldoquin, Eldopaque, Tecquinol

Formula $C_6H_6O_2$
Formula Wt. 110.11
Melting Point 170-171 °C
Purity ≥96%
Solubility Soluble in alcohol or ether.
Slightly soluble in benzene.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
H9618	50 g	\$43.10

Store Temp 4 °C

Ship Temp Ambient

Description Hydroquinone is a basic phenol structure that is commercially used in skin whitening treatments and photography development; it displays oxidoreductive activity. Hydroquinone was initially produced by fire beetles and is also found in propolis and castoreum. Hydroquinone may inhibit topoisomerase II and induce DNA damage.

References Mondrala S, Eastmond DA. Topoisomerase II inhibition by the bioactivated benzene metabolite hydroquinone involves multiple mechanisms. *Chem Biol Interact.* 2010 Mar 19;184(1-2):259-68. PMID: 20034485.

Ji Z, Zhang L, Guo W, et al. The benzene metabolite, hydroquinone and etoposide both induce endoreduplication in human lymphoblastoid TK6 cells. *Mutagenesis.* 2009 Jul;24(4):367-72. PMID: 19491217.

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