



LKT Laboratories, Inc.

2,5-Di-tert-butyl-4-hydroxyanisole

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Product Information

Product ID D3575

CAS No. 1991-52-2

Chemical Name

Synonym 2,5-di-tert-butyl-4-methoxyphenol

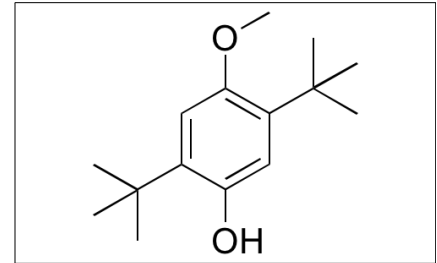
Formula $C_{15}H_{24}O_2$

Formula Wt. 236.35

Melting Point 99-102 °C

Purity ≥98%

Solubility



Bulk quantities available upon request

Product ID	Size
D3575	1 g
D3575	5 g

Store Temp 4 °C

Ship Temp Ambient

Description 2,5-Di-tert-butyl-4-hydroxyanisole is a phenol. Similar derivatives exhibit antioxidative, cytoprotective, and carcinogenic activities; other similar compounds also inhibit Ca²⁺ ATPases.

References Qu J, Adam J, Bloxham DM, et al. Phosphatidylserine-dependent adhesion of T cells to endothelial cells. *Biochim Biophys Acta*. 2000 Jun 15;1501(2-3):99-115. PMID: 10838184.

Lam LK, Garg P. Tumorigenicity of di-tert-butyl-substituted hydroquinone and hydroxyanisoles in the forestomach of Syrian golden hamsters. *Carcinogenesis*. 1991 Jul;12(7):1341-4. PMID: 2070501.

Mizutani T. Protective effects of butylated hydroxyanisole and its analogs on the lung toxicity of butylated hydroxytoluene in mice. *Res Commun Chem Pathol Pharmacol*. 1985 Oct;50(1):125-33. PMID: 4081305.

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