



LKT Laboratories, Inc.

Butylated Hydroxyanisole

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Product Information

Product ID B8174

CAS No. 25013-16-5

Chemical Name (1,1-Dimethylethyl)-4-methoxyphenol

Synonym BHA, Antrancine 12, Embanox, Nipantiox 1-F, Sustane 1-F, Tenox BHA

Formula C₁₁H₁₆O₂

Formula Wt. 180.24

Melting Point 48-55 °C

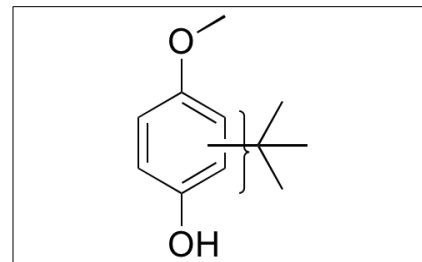
Purity ≥96%

Solubility Soluble in >50% alcohol, ethanol (150 mg/mL), propylene glycol, fats or oils. Insoluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Butylated hydroxyanisole (BHA) exhibits antioxidative and anticancer activities. BHA is commercially used as a food additive or preservative, as its free radical scavenging ability stabilizes free radicals and prevents food spoilage. BHS also increases activity of superoxide dismutase (SOD) in breast cancer cells, inhibiting cellular proliferation. This compound may also display carcinogenic potential.



Bulk quantities available upon request

Product ID	Size
B8174	50 g
B8174	100 g

References Singh B, Bhat HK. Superoxide dismutase 3 is induced by antioxidants, inhibits oxidative DNA damage and is associated with inhibition of estrogen-induced breast cancer. *Carcinogenesis*. 2012 Dec;33(12):2601-10. PMID: 23027624.

Criado S, Allevi C, Ceballos C, et al. Visible-light promoted degradation of the commercial antioxidants butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT): a kinetic study. *Redox Rep*. 2007;12(6):282-8. PMID: 17961300.

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