LKT Laboratories, Inc.

Butylated Hydroxyanisole

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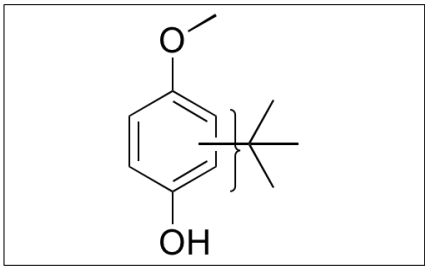
Product Information

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 $C_{11}H_{16}O_2$
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.



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
B8174	50 g	$65.40
B8174	100 g	$95.10

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.

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.