



Product Information

Product ID B7977

CAS No. 128-37-0

Chemical Name 2,6-Bis-(1,1-dimethylethyl)-4-methylphenol

Synonym BHT, Antracine 8, Ionol CP, Sustane, Dalpac, Impruvol, Vianol

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

Formula Wt. 220.35

Melting Point $70^{\circ}C$

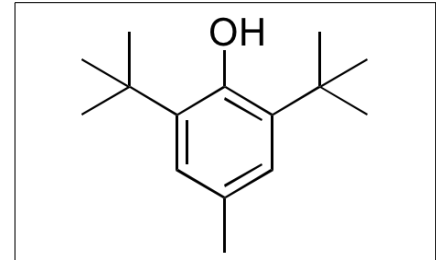
Purity $\geq 98\%$

Solubility Insoluble in water. Soluble
in ethanol, acetone, DMSO.

Store Temp Ambient

Ship Temp Ambient

Description Butylated hydroxytoluene (BHT) is commonly used as a food and cosmetics additive; it exhibits antioxidative and anti-inflammatory activities. BHT may also display neuroprotective benefit, decreasing ethanol-induced brain damage and neurodegeneration and suppressing activation of NF- κ B activation and COX-2 expression in vivo.



Bulk quantities available upon request

Product ID	Size
B7977	100 g
B7977	500 g

References Lee JH, Jung MY. Direct spectroscopic observation of singlet oxygen quenching and kinetic studies of physical and chemical singlet oxygen quenching rate constants of synthetic antioxidants (BHA, BHT, and TBHQ) in methanol. *J Food Sci.* 2010 Aug 1;75(6):C506-13. PMID: 20722904.

Crews F, Nixon K, Kim D, et al. BHT blocks NF-kappaB activation and ethanol-induced brain damage. *Alcohol Clin Exp Res.* 2006 Nov;30(11):1938-49. PMID: 17067360.

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