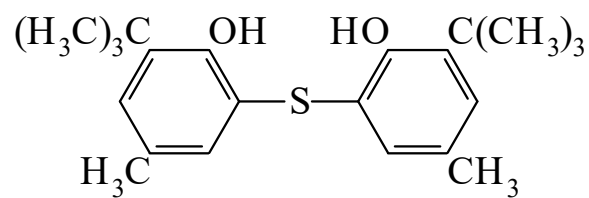




>>Entry Name: 3,3'-Di-*tert*-butyl-2,2'-dihydroxy-5,5'-dimethyldiphenyl sulfide

Synonym(s): 2,2'-Thiobis[6-(1,1-dimethylethyl)-4-methylphenol], 9Cl. 2,2'-Thiobis[6-*tert*-butyl-*p*-cresol], 8Cl. Thioalkofen BP. CAO 4. CAO 6



CAS Registry Number: 90-66-4

Molecular Formula: C₂₂H₃₀O₂S

Molecular Weight: 358.544

Accurate Mass: 358.19665

Percentage Composition: C 73.70%; H 8.43%; O 8.92%; S 8.94%

Use/Importance: Antioxidant for polymers

Physical Description: Cryst.

Melting Point: Mp 84-85°

Rare Chemicals Library: S35920-3

References:

Lesko, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1969, **34**, 2836, (*ms*)

Minsker, K.S. *et al.*, *Plast. Massy*, 1969, 57; *Sov. Plast.*, 1969, 56, (*polarog. props*)

Grinberg, A.A. *et al.*, *Khim. Promst. (Moscow)*, 1970, **46**, 499; *Sov. Chem. Ind. (Engl. Transl.)*, 1970, **46**, 440, (*synth*)

Kovac, S. *et al.*, *Tetrahedron*, 1971, **27**, 2823, (*ir, uv, conformation*)

Chetkina, L.A. *et al.*, *Zh. Strukt. Khim.*, 1984, **25**, 114; *J. Struct. Chem. (Engl. Transl.)*, 1984, **25**, 940, (*cryst struct*)