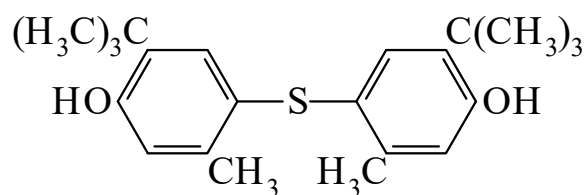




>>Entry Name: 3,3'-Di-*tert*-butyl-4,4'-dihydroxy-6,6'-dimethyldiphenyl sulfide

Synonym(s): 4,4'-Thiobis[2-(1,1-dimethylethyl)-5-methylphenol], 9Cl. 4,4'-Thiobis[6-*tert*-butyl-*m*-cresol], 8Cl. Santowhite crystals. TB(TBMC)



CAS Registry Number: 96-69-5

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 163-165°

Aldrich: 36628-5

Rare Chemicals Library: S35921-1

>>Derivative: Diformyl

CAS Registry Number: 21982-25-2

Molecular Formula: C₂₄H₃₀O₄S

Molecular Weight: 414.565

Accurate Mass: 414.18648

Percentage Composition: C 69.53%; H 7.29%; O 15.44%; S 7.73%

Physical Description: Cryst.

Melting Point: Mp 90-91°

References:

Weinberg, M. *et al.*, *Rev. Chim. (Bucharest)*, 1966, **17**, 669; *CA*, **66**, 75785f, (*synth*)

U.K. Pat., 1968, 1 116 119; *CA*, **69**, 35732s, (*synth, use*)

Morimura, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1977, **50**, 2189, (*diformyl*)