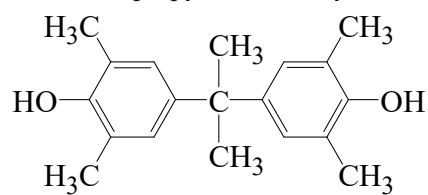




>>Entry Name: **2,2-Bis(4-hydroxy-3,5-dimethylphenyl)propane**

Synonym(s): 4,4'-(1-Methylethylidene)bis[2,6-dimethylphenol], 9CI. 4,4'-Isopropylidene-2,6-xyleneol, 8CI. 2,2',6,6'-Tetramethylbisphenol A



CAS Registry Number: 5613-46-7

Molecular Formula: $C_{19}H_{24}O_2$

Molecular Weight: 284.397

Accurate Mass: 284.17763

Percentage Composition: C 80.24%; H 8.51%; O 11.25%

Use/Importance: Probably an antioxidant

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 160-162°

Aldrich: 45050-2

Rare Chemicals Library: S37309-5

References:

Ger. Pat., 1981, *Bayer*, 2 928 443; *CA*, **94**, 176040t, (*synth*)

Ger. Pat., 1989, *Bayer*, 3 900 680; *CA*, **112**, 138745j, (*purifn*)

Jho, J.Y. *et al.*, *Macromolecules*, 1991, **24**, 1590-1594, (*synth, pmr*)

Eur. Pat., 1993, *Kodak*, 530 606; *CA*, **119**, 140438z, (*synth*)