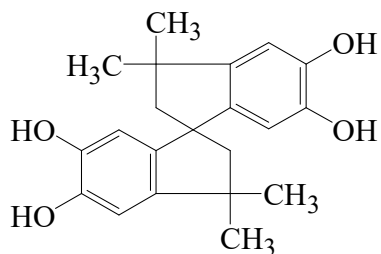




>>Entry Name: 2,2',3,3'-Tetrahydro-3,3,3',3'-tetramethyl-1,1'-spirobi[1*H*-indene]-5,5',6,6'-tetrol, 9Cl

Synonym(s): 3,3,3',3'-Tetramethyl-1,1'-spirobi[indan]-5,5',6,6'-tetrol, 8Cl



CAS Registry Number: 77-08-7

Molecular Formula: C₂₁H₂₄O₄

Molecular Weight: 340.418

Accurate Mass: 340.16746

Percentage Composition: C 74.09%; H 7.11%; O 18.80%

Melting Point: Mp 315 dec.°

>>Derivative: Tetra-Ac

CAS Registry Number: 38475-80-8

Molecular Formula: C₂₉H₃₂O₈

Molecular Weight: 508.567

Accurate Mass: 508.20972

Percentage Composition: C 68.49%; H 6.34%; O 25.17%

Physical Description: Prisms (EtOH)

Melting Point: Mp 175°

>>Derivative: Tetra-Me ether

CAS Registry Number: 54014-57-2

Molecular Formula: C₂₅H₃₂O₄

Molecular Weight: 396.525

Accurate Mass: 396.23006

Percentage Composition: C 75.73%; H 8.13%; O 16.14%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 158°

>>Derivative: Tetrapropyl ether

CAS Registry Number: 89929-65-7

Molecular Formula: C₃₃H₄₈O₄

Molecular Weight: 508.74

Accurate Mass: 508.35526

Percentage Composition: C 77.91%; H 9.51%; O 12.58%

Use/Importance: Photographic stabiliser for magenta dye images

Physical Description: No phys. props. reported

References:

Baker, W. *et al.*, *J.C.S.*, 1934, 1678-1681; 1938, 347-353, (*synth, props, tetra-Me ether, tetra-Ac*)

Abukumov, G.A. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1980, **251**, 103-105; *Dokl. Chem. (Engl. Transl.)*, 1980, **251**, 97-101, (*pmr*)

U.S. Pat., 1983, 4 416 978; *CA*, **100**, 200849d, (*tetrapropyl ether, synth, use*)