>>**Entry Name: 4,4'-Dihydroxybenzil**
Synonym(s): Bis(4-hydroxyphenyl)ethanedione

CAS Registry Number: 33288-79-8
Related CAS Registry Numbers(s): 6266-37-1 6320-31-6 24719-96-8 36646-58-9 40030-79-3 57736-11-5 61754-30-1 61772-35-8 63397-13-7 77375-46-3 82470-33-5 82515-02-4 115785-07-4 123078-96-6
Structure by analogy with 2,2'-Dihydroxybenzil, KXF51-X

Molecular Formula: $C_{14}H_{10}O_4$
Molecular Weight: 242.231
Accurate Mass: 242.05791
Percentage Composition: C 69.42%; H 4.16%; O 26.42%
Physical Description: Yellow needles (H_2O)
Melting Point: Mp 252° (244-246°)

>>**Derivative:** Di-Ac

Molecular Formula: $C_{18}H_{14}O_6$
Molecular Weight: 326.305
Accurate Mass: 326.07904
Percentage Composition: C 66.26%; H 4.32%; O 29.42%
Physical Description: Light yellow cryst. (EtOH)
Melting Point: Mp 87°

>>**Derivative:** Di-Me ether
Synonym(s): Bis(4-methoxyphenyl)ethanedione, 9CI. *p*-Anisil, 8CI. *pp*'-Dimethoxybenzil

CAS Registry Number: 1226-42-2
Molecular Formula: $C_{16}H_{14}O_4$
Molecular Weight: 270.284
Accurate Mass: 270.08921
Percentage Composition: C 71.10%; H 5.22%; O 23.68%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 131-133°
Aldrich: 15961-1
Fluka: 38650

>>**Derivative:** Di-Me ether, 2,4-dinitrophenylhydrozone

CAS Registry Number: 13449-03-1
Physical Description: Solid
Melting Point: Mp 188°

>>**Derivative:** Di-Et ether
Synonym(s): Bis(4-ethoxyphenyl)ethanedione, 9CI. 4,4'-Diethoxybenzil. *p*-Phenetil

CAS Registry Number: 2132-59-4
Molecular Formula: $C_{18}H_{18}O_4$
Molecular Weight: 298.338
Accurate Mass: 298.12051
Percentage Composition: C 72.47%; H 6.08%; O 21.45%
Physical Description: Prisms (EtOH)
Melting Point: Mp 149°

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