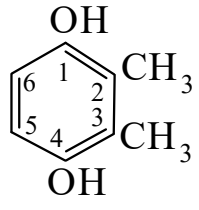
>>**Entry Name: 2,3-Dimethyl-1,4-benzenediol,** 9CI
Synonym(s): 2,3-Dimethylhydroquinone, 8CI. 3,6-Dihydroxy-*o*-xylene. 2,3-Dimethylquinol. 2,3-Xylohydroquinone



CAS Registry Number: 608-43-5

Molecular Formula: $C_8H_{10}O_2$
Molecular Weight: 138.166
Accurate Mass: 138.06808
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 221 part. dec.°

Aldrich: 30075-6
Fluka: 40693

>>**Derivative:** Monobenzoyl
CAS Registry Number: 35543-23-8
Molecular Formula: $C_{15}H_{14}O_3$
Molecular Weight: 242.274
Accurate Mass: 242.094295
Percentage Composition: C 74.36%; H 5.82%; O 19.81%
Physical Description: Cryst. (Me_2CO/petrol)
Melting Point: Mp 174-175°

>>**Derivative:** Dibenzoyl

Molecular Formula: $C_{22}H_{18}O_4$
Molecular Weight: 346.382
Accurate Mass: 346.12051
Percentage Composition: C 76.29%; H 5.24%; O 18.48%
Physical Description: Cryst. (Me_2CO/petrol)
Melting Point: Mp 182°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 305C, *(nmr)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1042A, *(ir)*
Aasen, A.J. *et al.*, *Acta Chem. Scand.*, 1971, **25**, 3537, *(synth)*
Yamakawa, K. *et al.*, *Chem. Pharm. Bull.*, 1979, **27**, 331, *(synth, ir, pmr)*

https://www.baizuoyan.com - CopyRight ©baizuoyan