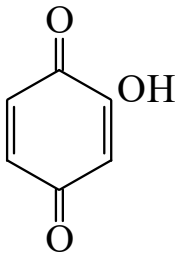
>>**Entry Name: Hydroxy-1,4-benzoquinone**
Synonym(s): 2-Hydroxy-2,5-cyclohexadiene-1,4-dione, 9Cl. Hydroxyquinone



CAS Registry Number: 2474-72-8

Molecular Formula: $C_6H_4O_3$
Molecular Weight: 124.096
Accurate Mass: 124.016045
Percentage Composition: C 58.07%; H 3.25%; O 38.68%
Physical Description: Yellow plates (petrol)
Melting Point: Mp 130-140°. Mp 124 dec.°
Other Data: Darkens on exp. to air. Negligible tautomerism to 4-Hydroxy-1,2-benzoquinone

>>**Derivative:** Me ether
Synonym(s): 2-Methoxy-1,4-benzoquinone

CAS Registry Number: 2880-58-2

Molecular Formula: $C_7H_6O_3$
Molecular Weight: 138.123
Accurate Mass: 138.031695
Percentage Composition: C 60.87%; H 4.38%; O 34.75%
Biological Source: Isol. from fruits of *Diospyros kaki*
Physical Description: Yellow needles (H_2O)
Melting Point: Mp 145°
UV: [neutral] λ_{max} 248 (ε 10470); 343 (ε 1100) (hexane) (Berdy)
Aldrich: 42485-4

>>**Derivative:** Me ether, 4-oxime

CAS Registry Number: 17576-99-7
Molecular Formula: $C_7H_7NO_3$
Molecular Weight: 153.137
Accurate Mass: 153.042594
Percentage Composition: C 54.90%; H 4.61%; N 9.15%; O 31.34%
Melting Point: Mp 176-177°
Hazard & Toxicity: LD_{50} (mus, ipr) 120 mg/kg

>>**Derivative:** Et ether
Synonym(s): Ethoxy-1,4-benzoquinone

CAS Registry Number: 51767-58-9
Molecular Formula: $C_8H_8O_3$
Molecular Weight: 152.149
Accurate Mass: 152.047345
Percentage Composition: C 63.15%; H 5.30%; O 31.55%
Physical Description: Yellow needles
Melting Point: Mp 119-120°

References:

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Deorhra, D.S. *et al.*, *J. Indian Chem. Soc.*, 1965, **42**, 315, *(synth, deriv)*
Blatchly, J.M. *et al.*, *J.C.S.(C)*, 1969, 1353, *(pmr)*
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