>>**Entry Name: 2,6-Dimethyl-1,4-benzoquinone**
Synonym(s): 2,6-Dimethyl-2,5-cyclohexadiene-1,4-dione, 9CI. *m*-Xylo-*p*-quinone

CAS Registry Number: 527-61-7
Structure by analogy with 2,3-Dimethyl-1,4-benzoquinone, DZW31-N

Molecular Formula: $C_8H_8O_2$
Molecular Weight: 136.15
Accurate Mass: 136.05243
Percentage Composition: C 70.58%; H 5.92%; O 23.50%
Physical Description: Yellow needles
Melting Point: Mp 72-73°
Other Data: Sublimes

Aldrich: D14970-5

>>**Derivative:** 1-Oxime

CAS Registry Number: 13432-71-8
Molecular Formula: $C_8H_9NO_2$
Molecular Weight: 151.165
Accurate Mass: 151.063329
Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%
Physical Description: Yellow prisms (EtOH aq.)
Melting Point: Mp 175°

>>**Derivative:** 4-Oxime

CAS Registry Number: 4965-29-1
Molecular Formula: $C_8H_9NO_2$
Molecular Weight: 151.165
Accurate Mass: 151.063329
Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%
Physical Description: Yellow prisms (C_6H_6)
Melting Point: Mp 170-171°

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