>>**Entry Name: 3,5-Dihydroxybenzaldehyde,** 9CI
Synonym(s): α-Resorcylaldehyde, 8CI. α-Resorcylic aldehyde

CAS Registry Number: 26153-38-8
Related CAS Registry Numbers(s): 34967-25-4 57179-37-0
Structure by analogy with 2,3-Dihydroxybenzaldehyde, BJR22-I

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%
Physical Description: Needles (petrol)
Melting Point: Mp 161-162°

Aldrich: 36811-3
Fluka: 37523

>>**Derivative:** Semicarbazone

Physical Description: Needles
Melting Point: Mp 223-224 dec.°

>>**Derivative:** Mono Me ether
Synonym(s): 3-Hydroxy-5-methoxybenzaldehyde

CAS Registry Number: 57179-35-8

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%
Biological Source: Constit. of *Ranunculus ternatus*
Melting Point: Mp 130-131°
Other Data: Sublimes at 110-20°

>>**Derivative:** Di-Me ether
Synonym(s): 3,5-Dimethoxybenzaldehyde, 9CI, 8CI

CAS Registry Number: 7311-34-4
Molecular Formula: $C_9H_{10}O_3$
Molecular Weight: 166.176
Accurate Mass: 166.062995
Percentage Composition: C 65.05%; H 6.07%; O 28.88%
Physical Description: Cryst. (EtOH aq. or petrol)
Melting Point: Mp 45°
Boiling Point: Bp_{16} 151°
Aldrich: 12629-2
Fluka: 38640
Sigma: D1651

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

CAS Registry Number: 34967-25-4
Molecular Formula: $C_9H_{11}NO_3$
Molecular Weight: 181.191
Accurate Mass: 181.073894
Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%
Physical Description: Needles (petrol)
Melting Point: Mp 119-120°

>>**Derivative:** Di-Me ether, semicarbazone

Physical Description: Needles (H_2O)
Melting Point: Mp 177-178°