>>**Entry Name: 2,4,6-Trihydroxybenzaldehyde,** 9CI
Synonym(s): Phloroglucinaldehyde

CAS Registry Number: 487-70-7

Molecular Formula: $C_7H_6O_4$
Molecular Weight: 154.122
Accurate Mass: 154.02661
Percentage Composition: C 54.55%; H 3.92%; O 41.52%
Physical Description: Needles + $2H_2O$ (H_2O)
Other Data: Darkens on heating. No Mp recorded.
Hazard & Toxicity: LD_{50} (mus, orl) 3200 mg/kg

Aldrich: T6540-4
Fluka: 79340
Rare Chemicals Library: S41804-8

>>**Derivative:** Oxime

Molecular Formula: $C_7H_7NO_4$
Molecular Weight: 169.137
Accurate Mass: 169.037509
Percentage Composition: C 49.71%; H 4.17%; N 8.28%; O 37.84%
Physical Description: Cryst. + $1H_2O$ (H_2O)
Melting Point: Mp 195 dec.°

>>**Derivative:** Tri-Ac

CAS Registry Number: 53277-19-3
Molecular Formula: $C_{13}H_{12}O_7$
Molecular Weight: 280.234
Accurate Mass: 280.058305
Percentage Composition: C 55.72%; H 4.32%; O 39.97%
Physical Description: Prisms (EtOH)
Melting Point: Mp 156-157°

>>**Derivative:** 2-Me ether
Synonym(s): 2,4-Dihydroxy-6-methoxybenzaldehyde

CAS Registry Number: 3519-76-4
Molecular Formula: $C_8H_8O_4$
Molecular Weight: 168.149
Accurate Mass: 168.04226
Percentage Composition: C 57.14%; H 4.80%; O 38.06%
Physical Description: Needles (EtOH)
Melting Point: Mp 200-202°

>>**Derivative:** 2,4-Di-Me ether
Synonym(s): 2-Hydroxy-4,6-dimethoxybenzaldehyde

CAS Registry Number: 708-76-9
Molecular Formula: $C_9H_{10}O_4$
Molecular Weight: 182.176
Accurate Mass: 182.05791
Percentage Composition: C 59.34%; H 5.53%; O 35.13%
Physical Description: Needles or plates (MeOH)
Melting Point: Mp 70-71°
Aldrich: 13879-7
Fluka: 38810