



>>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 + 2H₂O (H₂O)

Other Data: Darkens on heating. No Mp recorded.

Hazard & Toxicity: LD₅₀ (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. + 1H₂O (H₂O)

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