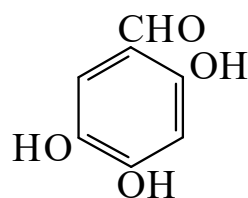




>>Entry Name: 2,4,5-Trihydroxybenzaldehyde, 9CI
ENTRY UNDER REVIEW



CAS Registry Number: 35094-87-2

Molecular Formula: C₇H₆O₄
Molecular Weight: 154.122
Accurate Mass: 154.02661
Percentage Composition: C 54.55%; H 3.92%; O 41.52%
Biological Source: Prod. by *Cyathus helenae*
Physical Description: Cryst. (H₂O)
Melting Point: Mp 223°. Mp 229-230°
Solubility: BERDY SOL: Sol. MeOH, CHCl₃; poorly sol. H₂O
UV: [neutral] λ_{max} 241 (ε 14000); 282 (ε 11000); 350 (ε 8000) (MeOH) (Berdy)

>>Derivative: Tri-Ac

Molecular Formula: C₁₃H₁₂O₇
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 115°

>>Derivative: 4-Me ether

Synonym(s): 2,5-Dihydroxy-4-methoxybenzaldehyde. 2,5-Dihydroxyanisaldehyde. 4-Methoxygentisaldehyde

CAS Registry Number: 29865-97-2
Molecular Formula: C₈H₈O₄
Molecular Weight: 168.149
Accurate Mass: 168.04226
Percentage Composition: C 57.14%; H 4.80%; O 38.06%
Physical Description: Prisms (EtOH or AcOH)
Melting Point: Mp 209°

>>Derivative: 4,5-Di-Me ether

Synonym(s): 2-Hydroxy-4,5-dimethoxybenzaldehyde. 6-Hydroxyveratric aldehyde

CAS Registry Number: 14382-91-3
Molecular Formula: C₉H₁₀O₄
Molecular Weight: 182.176
Accurate Mass: 182.05791
Percentage Composition: C 59.34%; H 5.53%; O 35.13%
Physical Description: Needles (H₂O), plates (EtOH aq.)
Melting Point: Mp 105° (95°)

>>Derivative: 2,4,5-Tri-Me ether

Synonym(s): 2,4,5-Trimethoxybenzaldehyde, 9CI, 8CI. Asaronaldehyde. Asarylaldehyde. Gazarin. Asaraldehyde

CAS Registry Number: 4460-86-0

Molecular Formula: C₁₀H₁₂O₄
Molecular Weight: 196.202
Accurate Mass: 196.07356
Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Needles (CHCl₃ or H₂O)
Melting Point: Mp 114°

Aldrich: 13215-2
Fluka: 92133
Sigma: T5009