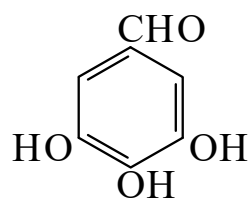




>>Entry Name: 3,4,5-Trihydroxybenzaldehyde, 9CI

Synonym(s): Gallaldehyde. Gallic aldehyde



CAS Registry Number: 13677-79-7

Molecular Formula: C₇H₆O₄

Molecular Weight: 154.122

Accurate Mass: 154.02661

Percentage Composition: C 54.55%; H 3.92%; O 41.52%

Biological Source: Constit. of the fungus *Boletus scaber*

Physical Description: Cryst. + 1H₂O (H₂O)

Melting Point: Mp 212 dec.° (rapid heat)

>>Derivative: Oxime

CAS Registry Number: 53148-14-4

Molecular Formula: C₇H₇NO₄

Molecular Weight: 169.137

Accurate Mass: 169.037509

Percentage Composition: C 49.71%; H 4.17%; N 8.28%; O 37.84%

Melting Point: Mp 195-200°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 13677-81-1

Physical Description: Red needles (EtOH)

Melting Point: Mp 315°

>>Derivative: Tri-Ac

CAS Registry Number: 71932-18-8

Molecular Formula: C₁₃H₁₂O₇

Molecular Weight: 280.234

Accurate Mass: 280.058305

Percentage Composition: C 55.72%; H 4.32%; O 39.97%

Melting Point: Mp 107-108°

>>Derivative: 3-Me ether

Synonym(s): 3,4-Dihydroxy-5-methoxybenzaldehyde

CAS Registry Number: 3934-87-0

Molecular Formula: C₈H₈O₄

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Physical Description: Needles (C₆H₆)

Melting Point: Mp 130-131°

Aldrich: 46412-0

Rare Chemicals Library: S1316-2

>>Derivative: 4-Me ether

Synonym(s): 3,5-Dihydroxy-4-methoxybenzaldehyde

CAS Registry Number: 29865-85-8

Molecular Formula: C₈H₈O₄

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Melting Point: Mp 139-140°