



>>Entry Name: 2,4,5-Trihydroxybenzoic acid, 9CI
Synonym(s): Hydroxyhydroquinone-5-carboxylic acid

CAS Registry Number: 610-90-2

Molecular Formula: $C_7H_6O_5$
Molecular Weight: 170.121
Accurate Mass: 170.021525
Percentage Composition: C 49.42%; H 3.55%; O 47.02%
Physical Description: Needles + $\frac{1}{2}$ H_2O (H_2O)
Melting Point: Mp 217-218 dec.°

>>Derivative: Tri-Ac

Molecular Formula: $C_{13}H_{12}O_8$
Molecular Weight: 296.233
Accurate Mass: 296.05322
Percentage Composition: C 52.71%; H 4.08%; O 43.21%
Physical Description: Plates or needles (C_6H_6)
Melting Point: Mp 162-163°

>>Derivative: 4-Me ether

Synonym(s): 2,5-Dihydroxy-4-methoxybenzoic acid

CAS Registry Number: 5981-37-3
Molecular Formula: $C_8H_8O_5$
Molecular Weight: 184.148
Accurate Mass: 184.037175
Percentage Composition: C 52.18%; H 4.38%; O 43.44%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 200-202 dec.°

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

Synonym(s): 2-Hydroxy-4,5-dimethoxybenzoic acid. Calamonic acid

CAS Registry Number: 5722-93-0
Molecular Formula: $C_9H_{10}O_5$
Molecular Weight: 198.175
Accurate Mass: 198.052825
Percentage Composition: C 54.55%; H 5.09%; O 40.37%
Physical Description: Brown needles (H_2O)
Melting Point: Mp 202 dec.°

>>Derivative: Tri-Me ether

Synonym(s): 2,4,5-Trimethoxybenzoic acid. Asaronic acid. Asarylic acid

CAS Registry Number: 490-64-2
Molecular Formula: $C_{10}H_{12}O_5$
Molecular Weight: 212.202
Accurate Mass: 212.068475
Percentage Composition: C 56.60%; H 5.70%; O 37.70%
Physical Description: Needles (C_6H_6 /petrol)
Melting Point: Mp 144-145°
Boiling Point: Bp 300°
Aldrich: 13889-4

>>Derivative: Tri-Me ether, Me ester

CAS Registry Number: 20029-76-9
Molecular Formula: $C_{11}H_{14}O_5$
Molecular Weight: 226.229
Accurate Mass: 226.084125
Percentage Composition: C 58.40%; H 6.24%; O 35.36%
Physical Description: Yellow cryst.
Melting Point: Mp 97.5°