CAS Registry Number: 29865-90-5
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%
Melting Point: Mp 70-72°
Boiling Point: $Bp_{0.5}$ 140°
Aldrich: 25871-7

>>**Derivative:** 3,5-Di-Me ether
Synonym(s): 4-Hydroxy-3,5-dimethoxybenzaldehyde. Syringic aldehyde. Syringaldehyde. Cedar aldehyde

CAS Registry Number: 134-96-3

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%
Biological Source: Widespread in woods and wood products, eg. sulfite liquor, maple syrup. A degradn. prod. of lignin
Use/Importance: Reagent for the spectrophotometric anal. of aromatic amines
Melting Point: Mp 113-114°
Boiling Point: Bp_{14} 192-193°
UV: [neutral] λ_{max} 215 (ε 18600); 227 (ε 40000); 232 (ε 17000); 308 (ε 17000); 309 (ε 33800) (MeOH) (Berdy) [base] λ_{max} 217 (ε 13500); 253 (ε 11200); 368 (ε 25100) (MeOH-NAOH) (Berdy)
Hazard & Toxicity: LD_{50} (mus, ipr) 1000 mg/kg

Aldrich: W50976-0
Fluka: 86220
Sigma: S0138

>>**Derivative:** 3,5-Di-Me ether, oxime

CAS Registry Number: 5032-13-3
Melting Point: Mp 91°

>>**Derivative:** 3,5-Di-Me ether, 4-Ac

CAS Registry Number: 53669-33-3
Molecular Formula: $C_{11}H_{12}O_5$
Molecular Weight: 224.213
Accurate Mass: 224.068475
Percentage Composition: C 58.93%; H 5.39%; O 35.68%
Melting Point: Mp 115-117°
Aldrich: 38774-6

>>**Derivative:** Tri-Me ether
Synonym(s): 3,4,5-Trimethoxybenzaldehyde

CAS Registry Number: 86-81-7

Molecular Formula: $C_{10}H_{12}O_4$
Molecular Weight: 196.202
Accurate Mass: 196.07356
Percentage Composition: C 61.22%; H 6.16%; O 32.62%
Biological Source: Isol. from oil of *Cymbopogon* spp. and *Libanotis transcaucasica*
Physical Description: Needles (H_2O)
Melting Point: Mp 78°
Boiling Point: Bp_{10} 163-165°

Aldrich: T6840-3
Fluka: 92140
Rare Chemicals Library: S11607-6
Sigma: T3752