



CAS Registry Number: 29865-90-5

Molecular Formula: C₉H₁₀O₄

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: C₉H₁₀O₄

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: Bp₁₄ 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: LD₅₀ (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: C₁₁H₁₂O₅

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: C₁₀H₁₂O₄

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 (H₂O)

Melting Point: Mp 78°

Boiling Point: Bp₁₀ 163-165°

Aldrich: T6840-3

Fluka: 92140

Rare Chemicals Library: S11607-6

Sigma: T3752