



>>Derivative: 4-Me ether, Me ester

CAS Registry Number: 24093-81-0

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

Percentage Composition: C 54.55%; H 5.09%; O 40.37%

Melting Point: Mp 148°

>>Derivative: 4-Me ether, Et ester

Molecular Formula: C₁₀H₁₂O₅

Molecular Weight: 212.202

Accurate Mass: 212.068475

Percentage Composition: C 56.60%; H 5.70%; O 37.70%

Biological Source: Constit. of *Stocksia brahuica*

Physical Description: Light brown powder

Melting Point: Mp 111-113°

UV: [neutral] λ_{max} 211 (); 260 () (MeOH)

>>Derivative: 3,4-Di-Me ether

Synonym(s): 3-Hydroxy-4,5-dimethoxybenzoic acid. 5-Hydroxyveratric acid

CAS Registry Number: 1916-08-1

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

Percentage Composition: C 54.55%; H 5.09%; O 40.37%

Melting Point: Mp 197-198°

Rare Chemicals Library: S30256-2

Sigma: H7009

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

Synonym(s): 4-Hydroxy-3,5-dimethoxybenzoic acid. **Syringic acid.** Cedar acid

CAS Registry Number: 530-57-4

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

Percentage Composition: C 54.55%; H 5.09%; O 40.37%

Biological Source: Present in various plants free and combined, e.g. principal phenolic constit. of soyabean meal (*Glycine max*)

Physical Description: Cryst.

Melting Point: Mp 210°

pKa Value: pK_{a1} 4.34; pK_{a2} 9.49 (25°)

UV: [neutral] λ_{max} 271 (); 272 () (MeOH) (Berdy)

Other Data: The homopolymer has been prepd.

Aldrich: S800-5

Fluka: 86230

Rare Chemicals Library: S11643-2

Sigma: S6881

>>Derivative: 3,5-Di-Me ether, Me ester

Synonym(s): Methyl syringate

CAS Registry Number: 884-35-5

Molecular Formula: C₁₀H₁₂O₅

Molecular Weight: 212.202

Accurate Mass: 212.068475

Percentage Composition: C 56.60%; H 5.70%; O 37.70%

Biological Source: Isol. from leaves and stems of *Buxus microphylla*

Melting Point: Mp 83-84°. Mp 107° (anhyd.)

UV: [neutral] λ_{max} 219 (ε 25100); 276 (ε 11220) (MeOH) (Berdy) [base] λ_{max} 239 (ε 13800); 325 (ε 19950) (MeOH-NAOH) (Berdy)

Rare Chemicals Library: S40944-8