



>>>Derivative: 4-Me ether, Me ester

**CAS Registry Number:** 24093-81-0

**Molecular Formula:** C<sub>9</sub>H<sub>10</sub>O<sub>5</sub>

**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:** C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>

**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<sub>max</sub> 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:** C<sub>9</sub>H<sub>10</sub>O<sub>5</sub>

**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:** C<sub>9</sub>H<sub>10</sub>O<sub>5</sub>

**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<sub>a1</sub> 4.34; pK<sub>a2</sub> 9.49 (25°)

**UV:** [neutral] λ<sub>max</sub> 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:** C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>

**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<sub>max</sub> 219 (ε 25100); 276 (ε 11220) (MeOH) (Berdy) [base] λ<sub>max</sub> 239 (ε 13800); 325 (ε 19950) (MeOH-NAOH) (Berdy)

**Rare Chemicals Library:** S40944-8