



**Melting Point:** Mp 176-177°  
**Rare Chemicals Library:** S44857-5

>>**Derivative:** Tri-Me ether, chloride

**CAS Registry Number:** 4521-61-3  
**Molecular Formula:** C<sub>10</sub>H<sub>11</sub>ClO<sub>4</sub>  
**Molecular Weight:** 230.647  
**Accurate Mass:** 230.034587  
**Percentage Composition:** C 52.08%; H 4.81%; Cl 15.37%; O 27.75%  
**Melting Point:** Mp 81-84°  
**Boiling Point:** Bp<sub>18</sub> 185°  
**Aldrich:** T6980-9  
**Fluka:** 92170  
**Sigma:** T9771

>>**Derivative:** Tri-Me ether, nitrile  
**Synonym(s):** 5-Cyano-1,2,3-trimethoxybenzene

**CAS Registry Number:** 1885-35-4  
**Molecular Formula:** C<sub>10</sub>H<sub>11</sub>NO<sub>3</sub>  
**Molecular Weight:** 193.202  
**Accurate Mass:** 193.073894  
**Percentage Composition:** C 62.17%; H 5.74%; N 7.25%; O 24.84%  
**Melting Point:** Mp 95°  
**Boiling Point:** Bp<sub>10</sub> 180-185°

**Aldrich:** 13216-0

>>**Derivative:** 4-Et ether  
**Synonym(s):** 4-Ethoxy-3,5-dihydroxybenzoic acid. 4-*O*-Ethylgallic acid

**CAS Registry Number:** 117824-01-8

**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:** Constit. of the flowers of *Mimosa hamata* and *Mimosa rubicaulis*  
**Physical Description:** Cryst. (Et<sub>2</sub>O)  
**Melting Point:** Mp 233-234 dec.°  
**Solubility:** Sol. EtOH, Et<sub>2</sub>O, EtOAc; fairly sol. H<sub>2</sub>O; poorly sol. C<sub>6</sub>H<sub>6</sub>, hexane  
**UV:** [neutral] λ<sub>max</sub> 276 (E1%/1cm 538) (EtOH) (Berdy)

>>**Derivative:** Tri-Et ether  
**Synonym(s):** 3,4,5-Triethoxybenzoic acid

**CAS Registry Number:** 6970-19-0  
**Molecular Formula:** C<sub>13</sub>H<sub>18</sub>O<sub>5</sub>  
**Molecular Weight:** 254.282  
**Accurate Mass:** 254.115425  
**Percentage Composition:** C 61.41%; H 7.13%; O 31.46%  
**Melting Point:** Mp 110-112°  
**Aldrich:** 26053-3

>>**Derivative:** Tribenzyl ether, Me ester

**CAS Registry Number:** 70424-94-1  
**Molecular Formula:** C<sub>29</sub>H<sub>26</sub>O<sub>5</sub>  
**Molecular Weight:** 454.521  
**Accurate Mass:** 454.178025  
**Percentage Composition:** C 76.63%; H 5.77%; O 17.60%  
**Physical Description:** Cryst. (EtOAc/hexane)  
**Melting Point:** Mp 98°

>>**Derivative:** Methylene ether