



>>Derivative: 2,3-Di-Me ether

Synonym(s): 4-Hydroxy-2,3-dimethoxybenzoic acid

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

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

Physical Description: Plates (H₂O)

Melting Point: Mp 154-155°

>>Derivative: 2,4-Di-Me ether

Synonym(s): 3-Hydroxy-2,4-dimethoxybenzoic acid

CAS Registry Number: 50389-20-3

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

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

Physical Description: Prisms (H₂O)

Melting Point: Mp 154.5-155.5°

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

Synonym(s): 2-Hydroxy-3,4-dimethoxybenzoic acid

CAS Registry Number: 5653-46-3

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

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

Physical Description: Needles (H₂O)

Melting Point: Mp 169-172°

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

Synonym(s): Methyl 2-hydroxy-3,4-dimethoxybenzoate

CAS Registry Number: 6395-23-9

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 *Dalbergia odorifera*

Use/Importance: Inhibitor of prostaglandin synthetase

>>Derivative: Tri-Me ether

Synonym(s): 2,3,4-Trimethoxybenzoic acid

CAS Registry Number: 573-11-5

Molecular Formula: C₁₀H₁₂O₅

Molecular Weight: 212.202

Accurate Mass: 212.068475

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

Physical Description: Cryst. (H₂O or petrol)

Melting Point: Mp 99°

Aldrich: 18979-0

>>Derivative: Tri-Me ether, nitrile

Synonym(s): 2,3,4-Trimethoxybenzonitrile. 1-Cyano-2,3,4-trimethoxybenzene

CAS Registry Number: 43020-38-8

Molecular Formula: C₁₀H₁₁NO₃

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 56-57°

Aldrich: 15423-7