



Molecular Formula: C₇H₈O₃
Molecular Weight: 140.138
Accurate Mass: 140.047345
Percentage Composition: C 60.00%; H 5.75%; O 34.25%
Biological Source: Isol. from the trunkwood of *Machaerium kuhlmannii*
Physical Description: Needles
Melting Point: Mp 38-41°
Boiling Point: Bp₁₀ 129°
Aldrich: M1320-3
Fluka: 83140
Sigma: M3922

>>Derivative: 1-Me ether, di-Ac

Molecular Formula: C₁₁H₁₂O₅
Molecular Weight: 224.213
Accurate Mass: 224.068475
Percentage Composition: C 58.93%; H 5.39%; O 35.68%
Physical Description: Plates (EtOH)
Melting Point: Mp 91-93°

>>Derivative: 2-Me ether

Synonym(s): 2-Methoxy-1,3-benzenediol, 9Cl. 2-Methoxyresorcinol. 2-*O*-Methylpyrogallol

CAS Registry Number: 29267-67-2

Molecular Formula: C₇H₈O₃
Molecular Weight: 140.138
Accurate Mass: 140.047345
Percentage Composition: C 60.00%; H 5.75%; O 34.25%
Biological Source: Isol. from heartwood of *Peltophorum africana*
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 85-87°
Boiling Point: Bp₂₄ 154-155°

>>Derivative: 2-Me ether, di-Ac

Molecular Formula: C₁₁H₁₂O₅
Molecular Weight: 224.213
Accurate Mass: 224.068475
Percentage Composition: C 58.93%; H 5.39%; O 35.68%
Physical Description: Plates (EtOH)
Melting Point: Mp 51-54°

>>Derivative: 1,2-Di-Me ether

Synonym(s): 2,3-Dimethoxyphenol

CAS Registry Number: 5150-42-5

Molecular Formula: C₈H₁₀O₃
Molecular Weight: 154.165
Accurate Mass: 154.062995
Percentage Composition: C 62.33%; H 6.54%; O 31.13%
Biological Source: Isol. from trunkwood of *Machaerium kuhlmannii* and heartwood of *Machaerium opacum*
Physical Description: Oil
Boiling Point: Bp 233-234°. Bp₁₇ 124-125°
Aldrich: 12633-0
Fluka: 38771