



Molecular Formula: C₇H₈O₃
Molecular Weight: 140.138
Accurate Mass: 140.047345
Percentage Composition: C 60.00%; H 5.75%; O 34.25%
Physical Description: No phys. props. reported

>>Derivative: 1,2-Di-Me ether
Synonym(s): 3,4-Dimethoxyphenol

CAS Registry Number: 2033-89-8

Molecular Formula: C₈H₁₀O₃
Molecular Weight: 154.165
Accurate Mass: 154.062995
Percentage Composition: C 62.33%; H 6.54%; O 31.13%
Biological Source: Constit. of various plant spp. including *Croton*, *Passiflora* and *Lysimachia* spp.
Biological Use/Importance: Antioxidant
Physical Description: Cryst. (petrol)
Melting Point: Mp 79-82°
Aldrich: 19446-8
Fluka: 38778

>>Derivative: 1,2-Di-Me ether, 4-*O*-β-D-glucopyranoside
Synonym(s): 3,4-Dimethoxyphenyl β-D-glucoside

CAS Registry Number: 84812-00-0

Molecular Formula: C₁₄H₂₀O₈
Molecular Weight: 316.307
Accurate Mass: 316.11582
Percentage Composition: C 53.16%; H 6.37%; O 40.47%
Biological Source: Constit. of *Molocanna baccifera* and *Picea abies*
Melting Point: Mp 161-163°
Optical Rotation: [α]_D -54 (c, 0.4 in MeOH)

>>Derivative: 1,2-Di-Me ether, 4-*O*-[3-*O*-methyl-α-L-rhamnopyranosyl-(1→2)-β-D-glucopyranoside]

Molecular Formula: C₂₁H₃₂O₁₂
Molecular Weight: 476.477
Accurate Mass: 476.18938
Percentage Composition: C 52.94%; H 6.77%; O 40.29%
Biological Source: Constit. of the root bark of *Picea abies*
Optical Rotation: [α]_D -63 (c, 0.7 in MeOH)

>>Derivative: Tri-Me ether
Synonym(s): 1,2,4-Trimethoxybenzene

CAS Registry Number: 135-77-3
Molecular Formula: C₉H₁₂O₃
Molecular Weight: 168.192
Accurate Mass: 168.078645
Percentage Composition: C 64.27%; H 7.19%; O 28.54%
Physical Description: Liq.
Boiling Point: Bp 247°
Aldrich: T6880-2
Fluka: 92160
Sigma: T3015