



Molecular Formula: C₈H₁₀O₃
Molecular Weight: 154.165
Accurate Mass: 154.062995
Percentage Composition: C 62.33%; H 6.54%; O 31.13%
Physical Description: Cryst. (C₆H₆/petrol)
Melting Point: Mp 44.5° (36-38°)
Boiling Point: Bp₃₆ 199°. Bp₁₇ 172-175°
Solubility: Sol. EtOH, C₆H₆
Aldrich: 13263-2
Fluka: 38773

>>Derivative: Tri-Me ether

Synonym(s): 1,3,5-Trimethoxybenzene, 9CI

CAS Registry Number: 621-23-8
Molecular Formula: C₉H₁₂O₃
Molecular Weight: 168.192
Accurate Mass: 168.078645
Percentage Composition: C 64.27%; H 7.19%; O 28.54%
Physical Description: Prisms (EtOH)
Melting Point: Mp 54-55°
Boiling Point: Bp 255.5°
Solubility: Insol. H₂O; sol. EtOH, Et₂O, C₆H₆
Hazard & Toxicity: LD₅₀ (mus, orl) 1480 mg/kg

Aldrich: 13882-7

Fluka: 92162

>>Derivative: Tri-Et ether

Synonym(s): 1,3,5-Triethoxybenzene, 9CI

CAS Registry Number: 2437-88-9
Molecular Formula: C₁₂H₁₈O₃
Molecular Weight: 210.272
Accurate Mass: 210.125595
Percentage Composition: C 68.55%; H 8.63%; O 22.83%
Physical Description: Cryst.
Melting Point: Mp 43°
Boiling Point: Bp₂₄ 175°
Solubility: Sol. Et₂O, EtOH
Other Data: Steam-volatile

>>Derivative: Monobenzyl ether

CAS Registry Number: 59291-87-1
Molecular Formula: C₁₃H₁₂O₃
Molecular Weight: 216.236
Accurate Mass: 216.078645
Percentage Composition: C 72.21%; H 5.59%; O 22.20%
Use/Importance: Intermed. for synth. of crown ethers
Physical Description: Light brown solid
Melting Point: Mp 80-82°

>>Derivative: Tribenzyl ether

CAS Registry Number: 59434-20-7
Molecular Formula: C₂₇H₂₄O₃
Molecular Weight: 396.485
Accurate Mass: 396.172545
Percentage Composition: C 81.79%; H 6.10%; O 12.11%
Melting Point: Mp 39-41°