



>>Derivative: Dipropyl ether

Synonym(s): 1,4-Dipropoxybenzene, 9CI

CAS Registry Number: 3898-41-7

Molecular Formula: $C_{12}H_{18}O_2$

Molecular Weight: 194.273

Accurate Mass: 194.13068

Percentage Composition: C 74.19%; H 9.34%; O 16.47%

Melting Point: Mp 50°

Boiling Point: Bp₁₄ 131°

>>Derivative: Monopropyl ether

Synonym(s): 4-Propoxyphenol, 9CI

CAS Registry Number: 18979-50-5

Molecular Formula: $C_9H_{12}O_2$

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 56-57°

>>Derivative: Diisopropyl ether

Synonym(s): 1,4-Bis(1-methylethoxy)benzene, 9CI

CAS Registry Number: 7495-78-5

Molecular Formula: $C_{12}H_{18}O_2$

Molecular Weight: 194.273

Accurate Mass: 194.13068

Percentage Composition: C 74.19%; H 9.34%; O 16.47%

Boiling Point: Bp₁₄ 123°

>>Derivative: Monobutyl ether

Synonym(s): 4-Butoxyphenol

CAS Registry Number: 122-94-1

Molecular Formula: $C_{10}H_{14}O_2$

Molecular Weight: 166.219

Accurate Mass: 166.09938

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Melting Point: Mp 65-66°

Boiling Point: Bp_{1.4} 115°

Solubility: Insol. H₂O; sol. C₆H₆, Me₂CO, EtOAc, EtOH

Aldrich: B8780-6

>>Derivative: Dibutyl ether

Synonym(s): 1,4-Dibutoxybenzene, 9CI

CAS Registry Number: 104-36-9

Molecular Formula: $C_{14}H_{22}O_2$

Molecular Weight: 222.327

Accurate Mass: 222.16198

Percentage Composition: C 75.63%; H 9.97%; O 14.39%

Physical Description: Cryst. (EtOH or MeOH)

Melting Point: Mp 46°

Boiling Point: Bp₁₅ 158°

Solubility: Insol. H₂O; sol. C₆H₆, Me₂CO, EtOAc, EtOH

Rare Chemicals Library: S56439-7