



>>>Derivative: Bis(1-methylpropyl) ether

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

CAS Registry Number: 85417-76-1

Molecular Formula: C₁₄H₂₂O₂

Molecular Weight: 222.327

Accurate Mass: 222.16198

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

Boiling Point: Bp_{0.4} 97°

>>>Derivative: Bis(2-methylpropyl) ether

Synonym(s): 1,4-Bis(2-methylpropoxy)benzene, 9CI

CAS Registry Number: 85417-75-0

Molecular Formula: C₁₄H₂₂O₂

Molecular Weight: 222.327

Accurate Mass: 222.16198

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

Melting Point: Mp 49°

Boiling Point: Bp_{0.4} 95°

>>>Derivative: Bis(2-hydroxyethyl) ether

Synonym(s): 2,2'-[1,4-Phenylenebis(oxy)]bisethanol, 9CI

CAS Registry Number: 104-38-1

Molecular Formula: C₁₀H₁₄O₄

Molecular Weight: 198.218

Accurate Mass: 198.08921

Percentage Composition: C 60.59%; H 7.12%; O 32.29%

Source/Synthesis: Manuf. from hydroquinone and ethylene oxide

Use/Importance: Cross-linking agent for polyurethanes and other polymers

Physical Description: Cryst. (toluene)

Melting Point: Mp 103-104°

Boiling Point: Bp_{0.3} 185-200°

Solubility: Sl. sol. H₂O

Aldrich: 23791-4

Rare Chemicals Library: S35061-3

>>>Derivative: Bis(2,2,2-trifluoroethyl) ether

Synonym(s): 1,4-Bis(2,2,2-trifluoroethoxy)benzene, 9CI

CAS Registry Number: 66300-61-6

Molecular Formula: C₁₀H₈F₆O₂

Molecular Weight: 274.162

Accurate Mass: 274.042848

Percentage Composition: C 43.81%; H 2.94%; F 41.58%; O 11.67%

Melting Point: Mp 71-73°

>>>Derivative: Monobenzyl ether

see 4-(Benzyloxy)phenol, [DWN32-A](#)

>>>Derivative: Mono-Ph ether

see 4-Hydroxydiphenyl ether, [FCM31-G](#)

References: