



Melting Point: Mp 16.6°
Boiling Point: Bp₅ 170-175°

>>**Derivative:** Phenylurethane

Melting Point: Mp 74-74.5°

>>**Derivative:** 4-Methylbenzenesulfonyl
Synonym(s): Octyl tosylate

CAS Registry Number: 3386-35-4
Molecular Formula: C₁₅H₂₄O₃S
Molecular Weight: 284.419
Accurate Mass: 284.144615
Percentage Composition: C 63.34%; H 8.50%; O 16.88%; S 11.27%
Boiling Point: Bp₁ 129-137°

>>**Derivative:** Me ether
Synonym(s): 1-Methoxyoctane, 9Cl. Methyl octyl ether

CAS Registry Number: 929-56-6
Molecular Formula: C₉H₂₀O
Molecular Weight: 144.256
Accurate Mass: 144.151415
Percentage Composition: C 74.94%; H 13.97%; O 11.09%
Physical Description: Liq.
Boiling Point: Bp 172°
Density: d₀⁵ 0.802

>>**Derivative:** Et ether
Synonym(s): 1-Ethoxyoctane, 9Cl. Ethyl octyl ether

CAS Registry Number: 929-61-3
Molecular Formula: C₁₀H₂₂O
Molecular Weight: 158.283
Accurate Mass: 158.167065
Percentage Composition: C 75.88%; H 14.01%; O 10.11%
Physical Description: Liq.
Boiling Point: Bp 189.2°. Bp₈ 72-73°

>>**Derivative:** Propyl ether
Synonym(s): 1-Propoxyoctane, 9Cl. Propyl octyl ether

CAS Registry Number: 29379-41-7
Molecular Formula: C₁₁H₂₄O
Molecular Weight: 172.31
Accurate Mass: 172.182715
Percentage Composition: C 76.68%; H 14.04%; O 9.29%
Physical Description: Liq.
Boiling Point: Bp 204°

>>**Derivative:** Isopropyl ether
Synonym(s): 1-(1-Methylethoxy)octane, 9Cl. Isopropyl octyl ether

CAS Registry Number: 68975-45-1
Molecular Formula: C₁₁H₂₄O
Molecular Weight: 172.31
Accurate Mass: 172.182715
Percentage Composition: C 76.68%; H 14.04%; O 9.29%
Physical Description: Liq.
Melting Point: Mp 198.5°

>>**Derivative:** Butyl ether
Synonym(s): 1-Butoxyoctane, 9Cl. Octyl butyl ether