



Molecular Formula: C₃H₆O₂
Molecular Weight: 74.079
Accurate Mass: 74.03678
Percentage Composition: C 48.64%; H 8.16%; O 43.20%
Physical Description: Liq.
Boiling Point: Bp 166-167° (dec.). Bp_{2.5} 65-66°
Solubility: Sol. H₂O, most org. solvs.; spar. sol. petrol
Density: d₂₅²⁵ 1.14
Refractive Index: n_D²⁵ 1.4302
Other Data: Undergoes cationic polym. Anionic polym. gives a rearranged polymer

>>Derivative: Ac

CAS Registry Number: 6387-89-9
Molecular Formula: C₅H₈O₃
Molecular Weight: 116.116
Accurate Mass: 116.047345
Percentage Composition: C 51.72%; H 6.94%; O 41.34%
Physical Description: Liq.
Boiling Point: Bp 168-169°

>>Derivative: 2-Propenoyl

>>Derivative: 2-Methylpropenoyl

>>Derivative: 4-Nitrobenzoyl

CAS Registry Number: 13318-11-1
Melting Point: Mp 56°

>>Derivative: 4-Methylbenzenesulfonyl

CAS Registry Number: 118712-54-2
Extra CAS Registry Numbers(s): 6746-81-2 113826-06-5
Molecular Formula: C₁₀H₁₂O₄S
Molecular Weight: 228.268
Accurate Mass: 228.04563
Percentage Composition: C 52.62%; H 5.30%; O 28.04%; S 14.05%
Physical Description: Cryst.
Melting Point: Mp 37.5-39°
Boiling Point: Bp₂ 167-172°

>>Derivative: Me ether

Synonym(s): (Methoxymethyl)oxirane, 9CI. 2,3-Epoxypropyl methyl ether. Glycidyl methyl ether

CAS Registry Number: 930-37-0
Molecular Formula: C₄H₈O₂
Molecular Weight: 88.106
Accurate Mass: 88.05243
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Physical Description: Oil
Boiling Point: Bp 115-118°
Solubility: Sol. H₂O