



>>Derivative: Semicarbazone

CAS Registry Number: 6055-71-6

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 171°

>>Derivative: Di-Me acetal

Synonym(s): 3,3-Dimethoxy-1-propene, 9CI

CAS Registry Number: 6044-68-4

Molecular Formula: C₅H₁₀O₂

Molecular Weight: 102.133

Accurate Mass: 102.06808

Percentage Composition: C 58.80%; H 9.87%; O 31.33%

Boiling Point: Bp₁₂₀ 40°

Aldrich: 19054-3

Fluka: 1694

Sigma: A0400

>>Derivative: Di-Et acetal

Synonym(s): 3,3-Diethoxy-1-propene, 9CI

CAS Registry Number: 3054-95-3

Molecular Formula: C₇H₁₄O₂

Molecular Weight: 130.186

Accurate Mass: 130.09938

Percentage Composition: C 64.58%; H 10.84%; O 24.58%

Physical Description: Liq.

Boiling Point: Bp 123-125°

Solubility: Sl. sol. H₂O; misc. EtOH, Et₂O

Density: d¹⁵ 0.854

Refractive Index: n_D²⁰ 1.4000

Aldrich: A2400-1

Fluka: 1690

>>Derivative: Ethylene acetal

Synonym(s): 2-Vinyl-1,3-dioxolane

CAS Registry Number: 3984-22-3

Molecular Formula: C₅H₈O₂

Molecular Weight: 100.117

Accurate Mass: 100.05243

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Boiling Point: Bp 114-116°

Aldrich: 44035-3

>>Derivative: Ethylene dithioacetal

Synonym(s): 2-Vinyl-1,3-dithiolane

CAS Registry Number: 14814-94-9

Molecular Formula: C₅H₈S₂

Molecular Weight: 132.25

Accurate Mass: 132.00674

Percentage Composition: C 45.41%; H 6.10%; S 48.49%

Boiling Point: Bp₁₄ 88-91°. Bp_{0.5} 46-48°

References: