



Synonym(s): 3-Methoxypropanal

CAS Registry Number: 2806-84-0

Molecular Formula: C₄H₈O₂

Molecular Weight: 88.106

Accurate Mass: 88.05243

Percentage Composition: C 54.53%; H 9.15%; O 36.32%

Boiling Point: Bp 121°

>>Derivative: Me ether, di-Me acetal

Synonym(s): 1,1,3-Trimethoxypropane

CAS Registry Number: 14315-97-0

Molecular Formula: C₆H₁₄O₃

Molecular Weight: 134.175

Accurate Mass: 134.094295

Percentage Composition: C 53.71%; H 10.52%; O 35.77%

Boiling Point: Bp *ca.*° 148. Bp₁₇ 45°

Aldrich: 24470-8

>>Derivative: Et ether

Synonym(s): 3-Ethoxypropanal, 9CI

CAS Registry Number: 2806-85-1

Molecular Formula: C₅H₁₀O₂

Molecular Weight: 102.133

Accurate Mass: 102.06808

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

Boiling Point: Bp 70°. Bp₁₆ 40°

Hazard & Toxicity: Flammable. Eye irritant

>>Derivative: Et ether, Di-Et acetal

Synonym(s): 1,1,3-Triethoxypropane

CAS Registry Number: 7789-92-6

Molecular Formula: C₉H₂₀O₃

Molecular Weight: 176.255

Accurate Mass: 176.141245

Percentage Composition: C 61.33%; H 11.44%; O 27.23%

Boiling Point: Bp₁₁ 85°. Bp₁₅ 95-105°

Aldrich: E750-9

>>Derivative: Tetrahydropyranyl ether

Molecular Formula: C₈H₁₄O₃

Molecular Weight: 158.197

Accurate Mass: 158.094295

Percentage Composition: C 60.74%; H 8.92%; O 30.34%

Physical Description: Oil

Refractive Index: n_D²¹ 1.4520

>>Derivative: Benzyl ether

Synonym(s): 3-(Phenylmethoxy)propanal, 9CI. 3-Benzyloxypropionaldehyde, 8CI

CAS Registry Number: 19790-60-4

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Boiling Point: Bp₂₀ 75-80°

>>Derivative: Benzyl ether, semicarbazone

Melting Point: Mp 119°