



Aldrich: A5440-7

Fluka: 6720

Sigma: A3531

>>Derivative: *O*-Nitrate

>>Derivative: *O*-Phosphate

>>Derivative: *O*-Ac

Synonym(s): *O*-Acetylethanolamine. 2-Acetoxyethylamine

CAS Registry Number: 1854-30-4

Molecular Formula: C₄H₉NO₂

Molecular Weight: 103.121

Accurate Mass: 103.063329

Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%

Biological Use/Importance: Shows antiinflammatory props., stimulates cockroach heart

Boiling Point: Bp_{0.3} 134-135°

>>Derivative: *O*-Ac; hydrochloride

Melting Point: Mp 130-131°

>>Derivative: *N*-Ac

Synonym(s): *N*-(2-Hydroxyethyl)acetamide, 9Cl. *N*-Acetylethanolamine

CAS Registry Number: 142-26-7

Molecular Formula: C₄H₉NO₂

Molecular Weight: 103.121

Accurate Mass: 103.063329

Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%

Melting Point: Mp 63-65°

Boiling Point: Bp 195-196°. Bp₁₀ 151-153°

Density: d₄²⁰ 1.12

Hazard & Toxicity: Fl. p. 177°, autoignition temp. 460°

Aldrich: 10045-5

Rare Chemicals Library: S40629-5

>>Derivative: *N,O*-Di-Ac

CAS Registry Number: 16180-96-4

Molecular Formula: C₆H₁₁NO₃

Molecular Weight: 145.158

Accurate Mass: 145.073894

Percentage Composition: C 49.65%; H 7.64%; N 9.65%; O 33.07%

Boiling Point: Bp₄ 133-135°. Bp_{0.05} 103°

Rare Chemicals Library: S59523-3

>>Derivative: *N*-Dodecanoyl

Synonym(s): *N*-(2-Hydroxyethyl)dodecanamide, 9Cl. Lauric monoethanolamide

CAS Registry Number: 142-78-9

Molecular Formula: C₁₄H₂₉NO₂

Molecular Weight: 243.389

Accurate Mass: 243.219829

Percentage Composition: C 69.09%; H 12.01%; N 5.75%; O 13.15%

Physical Description: Cryst.

Melting Point: Mp 88-88.5° (87.2 - 89.2°)

Other: PB: H11820

>>Derivative: *N*-Hexadecanoyl