



>>Derivative: Bis(2-ethoxyethyl) ester

CAS Registry Number: 624-10-2

Molecular Formula: C₁₈H₃₄O₆

Molecular Weight: 346.463

Accurate Mass: 346.23554

Percentage Composition: C 62.40%; H 9.89%; O 27.71%

Melting Point: Mp 1°

Boiling Point: Bp₈ 225-228°

Density: d₄²⁰ 1

Refractive Index: n_D³⁰ 1.4453

>>Derivative: Dibenzyl ester

CAS Registry Number: 140-24-9

Molecular Formula: C₂₄H₃₀O₄

Molecular Weight: 382.499

Accurate Mass: 382.21441

Percentage Composition: C 75.36%; H 7.91%; O 16.73%

Melting Point: Mp 28°

Boiling Point: Bp₄ 257°

Density: d₄³⁰ 1.06

Refractive Index: n_D³⁰ 1.5171

>>Derivative: Chloride-Me ester

CAS Registry Number: 14065-32-8

Molecular Formula: C₁₁H₁₉ClO₃

Molecular Weight: 234.722

Accurate Mass: 234.102272

Percentage Composition: C 56.29%; H 8.16%; Cl 15.10%; O 20.45%

Physical Description: Oil

Melting Point: Mp 16.5-17°

Boiling Point: Bp₂₃ 177°

Refractive Index: n_D²⁰ 1.4530

Aldrich: 40173-0

>>Derivative: Chloride-Et ester

CAS Registry Number: 6946-46-9

Molecular Formula: C₁₂H₂₁ClO₃

Molecular Weight: 248.749

Accurate Mass: 248.117922

Percentage Composition: C 57.94%; H 8.51%; Cl 14.25%; O 19.30%

Physical Description: Liq.

Boiling Point: Bp_{0.5} 124-126°

>>Derivative: Dichloride

CAS Registry Number: 111-19-3

Molecular Formula: C₁₀H₁₆Cl₂O₂

Molecular Weight: 239.141

Accurate Mass: 238.052734

Percentage Composition: C 50.23%; H 6.74%; Cl 29.65%; O 13.38%

Use/Importance: Monomer for manuf. of polyamides and polyesters

Physical Description: Oil

Melting Point: Mp -2.5°

Boiling Point: Bp₁₆ 182°. Bp_{0.3} 115-116°

Density: d²⁰ 1.121

Refractive Index: n_D¹⁸ 1.4684

Other Data: Hydrol. by H₂O

Hazard & Toxicity: Fl. p. >66°

Aldrich: 23636-5

Fluka: 84850

Sigma: S2384