



Use/Importance: Used in manuf. of polyesters
Melting Point: Mp 11.5°
Boiling Point: Bp 285°. Bp 302°. Bp_{2,4} 170-170.5°
Density: d₄¹⁷ 1.124

>>Derivative: Di-2-propenyl ester

CAS Registry Number: 1087-21-4
Molecular Formula: C₁₄H₁₄O₄
Molecular Weight: 246.262
Accurate Mass: 246.08921
Percentage Composition: C 68.28%; H 5.73%; O 25.99%
Use/Importance: Cross-linking agent for polyester resins
Physical Description: Liq.
Boiling Point: Bp₁₂₀ 150-152°
Density: d²⁰ 1.124
Rare Chemicals Library: S57176-8

>>Derivative: Bis(2-ethylhexyl) ester

CAS Registry Number: 137-89-3
Molecular Formula: C₂₄H₃₈O₄
Molecular Weight: 390.562
Accurate Mass: 390.27701
Percentage Composition: C 73.81%; H 9.81%; O 16.39%
Use/Importance: Plasticiser
Physical Description: Liq.
Boiling Point: Bp₁₀ 258°
Solubility: Insol. H₂O
Density: d₂₀²⁰ 0.984

>>Derivative: Diphenyl ester
Synonym(s): DPIP

CAS Registry Number: 744-45-6
Molecular Formula: C₂₀H₁₄O₄
Molecular Weight: 318.328
Accurate Mass: 318.08921
Percentage Composition: C 75.46%; H 4.43%; O 20.10%
Physical Description: Solid
Melting Point: Mp 136-138°
Solubility: Insol. H₂O; sol. Me₂CO
Aldrich: 41169-8

>>Derivative: Dichloride

CAS Registry Number: 99-63-8
Molecular Formula: C₈H₄Cl₂O₂
Molecular Weight: 203.024
Accurate Mass: 201.958834
Percentage Composition: C 47.33%; H 1.99%; Cl 34.92%; O 15.76%
Use/Importance: Used in manuf. of synthetic fibres and resins
Melting Point: Mp 43-44°
Boiling Point: Bp 276°
Solubility: Sol. Et₂O; hydrol. by H₂O and EtOH
Hazard & Toxicity: Skin and eye irritant

Aldrich: I-1940-3
Fluka: 59210