



Accurate Mass: 194.05791
Percentage Composition: C 61.85%; H 5.19%; O 32.96%
Physical Description: Leaflets (C₆H₆)
Melting Point: Mp 171°

>>**Derivative:** Di-Et ester
Synonym(s): Diethyl terephthalate

CAS Registry Number: 636-09-9
Molecular Formula: C₁₂H₁₄O₄
Molecular Weight: 222.24
Accurate Mass: 222.08921
Percentage Composition: C 64.85%; H 6.35%; O 28.80%
Physical Description: Cryst. (EtOH/petrol)
Melting Point: Mp 44°
Boiling Point: Bp 302°. Bp₂ 142°
Solubility: Insol. H₂O; sol. EtOH, Et₂O

>>**Derivative:** Monopropyl ester

CAS Registry Number: 1818-05-9
Molecular Formula: C₁₁H₁₂O₄
Molecular Weight: 208.213
Accurate Mass: 208.07356
Percentage Composition: C 63.45%; H 5.81%; O 30.74%
Melting Point: Mp 127-128°

>>**Derivative:** Dipropyl ester
Synonym(s): Dipropyl terephthalate

CAS Registry Number: 1962-74-9
Molecular Formula: C₁₄H₁₈O₄
Molecular Weight: 250.294
Accurate Mass: 250.12051
Percentage Composition: C 67.18%; H 7.25%; O 25.57%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 31°
Boiling Point: Bp₄ 158°

>>**Derivative:** Di-2-propenyl ester

CAS Registry Number: 1026-92-2
Molecular Formula: C₁₄H₁₄O₄
Molecular Weight: 246.262
Accurate Mass: 246.08921
Percentage Composition: C 68.28%; H 5.73%; O 25.99%
Melting Point: Fp -10°
Boiling Point: Bp₁ 140-143°

>>**Derivative:** Monobutyl ester

CAS Registry Number: 1818-06-0
Molecular Formula: C₁₂H₁₄O₄
Molecular Weight: 222.24
Accurate Mass: 222.08921
Percentage Composition: C 64.85%; H 6.35%; O 28.80%
Melting Point: Mp 122-124°