



Solubility: Sol. Et₂O
Other Data: Dec. H₂O, EtOH
Hazard & Toxicity: Irritant

Aldrich: 12087-1
Fluka: 86430
Sigma: T1390

>> **Derivative:** Me ester-chloride
Synonym(s): Methyl 4-(chlorocarbonyl)benzoate, 9Cl. Methyl *p*-(chloroformyl)benzoate, 8Cl

CAS Registry Number: 7377-26-6
Molecular Formula: C₉H₇ClO₃
Molecular Weight: 198.605
Accurate Mass: 198.008372
Percentage Composition: C 54.43%; H 3.55%; Cl 17.85%; O 24.17%
Physical Description: Cryst. (petrol)
Melting Point: Mp 54-55° (38-40°)
Boiling Point: Bp₁₀ 135-138°

>> **Derivative:** Et ester-chloride
Synonym(s): Ethyl 4-(chlorocarbonyl)benzoate

CAS Registry Number: 27111-45-1
Molecular Formula: C₁₀H₉ClO₃
Molecular Weight: 212.632
Accurate Mass: 212.024022
Percentage Composition: C 56.49%; H 4.27%; Cl 16.67%; O 22.57%
Physical Description: Cryst.
Melting Point: Mp 27°
Boiling Point: Bp₆ 133-134°

>> **Derivative:** Butyl ester-chloride

CAS Registry Number: 39853-28-6
Molecular Formula: C₁₂H₁₃ClO₃
Molecular Weight: 240.686
Accurate Mass: 240.055322
Percentage Composition: C 59.88%; H 5.44%; Cl 14.73%; O 19.94%
Physical Description: Liq.
Melting Point: Mp 13.5°
Boiling Point: Bp_{0.5} 115-118°
Refractive Index: n_D²⁵ 1.5260

>> **Derivative:** Diamide

CAS Registry Number: 3010-82-0
Molecular Formula: C₈H₈N₂O₂
Molecular Weight: 164.163
Accurate Mass: 164.058578
Percentage Composition: C 58.53%; H 4.91%; N 17.06%; O 19.49%
Physical Description: Cryst. (AcOH)
Melting Point: Mp 250°

Rare Chemicals Library: S56412-5

>> **Derivative:** Diamide, *N,N'*-di-Me, *N,N'*-dinitroso
Synonym(s): *N,N'*-Dimethyl-*N,N'*-dinitroso-1,4-benzenedicarboxamide, 9Cl. *N,N'*-Dimethyl-*N,N'*-dinitrosoterephthalamide. **Nitrosan**‡

CAS Registry Number: 133-55-1
Molecular Formula: C₁₀H₁₀N₄O₄
Molecular Weight: 250.213
Accurate Mass: 250.070206
Percentage Composition: C 48.00%; H 4.03%; N 22.39%; O 25.58%
Use/Importance: Blowing agent
Physical Description: Cryst.
Other Data: Dec. at 118-120°