



Aldrich: 23242-4

Fluka: 25210

Sigma: C0899

>>>**Derivative:** *N*-(2-Chloroethyl)

CAS Registry Number: 6270-06-0

Molecular Formula: C₁₀H₈ClNO₂

Molecular Weight: 209.631

Accurate Mass: 209.024356

Percentage Composition: C 57.30%; H 3.85%; Cl 16.91%; N 6.68%; O 15.26%

Physical Description: Cryst. (heptane/Et₂O)

Melting Point: Mp 82-84°

>>>**Derivative:** *N*-Bromo

CAS Registry Number: 2439-85-2

Molecular Formula: C₈H₄BrNO₂

Molecular Weight: 226.029

Accurate Mass: 224.96254

Percentage Composition: C 42.51%; H 1.78%; Br 35.35%; N 6.20%; O 14.16%

Use/Importance: Brominating agent. Used as an oxidative titrant in anal.

Physical Description: Yellow cryst. (C₆H₆)

Melting Point: Mp 206-207°

Hazard & Toxicity: Irritant

Aldrich: 26090-8

Fluka: 18090

>>>**Derivative:** *N*-Hydroxy

>>>**Derivative:** *N*-Hydroxymethyl

Synonym(s): *N*-Hydroxymethylphthalimide

CAS Registry Number: 118-29-6

Molecular Formula: C₉H₇NO₃

Molecular Weight: 177.159

Accurate Mass: 177.042594

Percentage Composition: C 61.02%; H 3.98%; N 7.91%; O 27.09%

Use/Importance: Reagent for forming cryst. derivs. with amines

Physical Description: Cryst.

Melting Point: Mp 141-142°

Hazard & Toxicity: Exp. fetotoxic

Aldrich: H4180-3

Fluka: 55740

>>>**Derivative:** *N*-(2-Hydroxyethyl)

CAS Registry Number: 3891-07-4

Molecular Formula: C₁₀H₉NO₃

Molecular Weight: 191.186

Accurate Mass: 191.058244

Percentage Composition: C 62.82%; H 4.74%; N 7.33%; O 25.11%

Melting Point: Mp 126-128°

Aldrich: 13833-9

Fluka: 54440

References: