



CAS Registry Number: 2142-01-0
Molecular Formula: C₁₅H₁₁NO₂
Molecular Weight: 237.257
Accurate Mass: 237.078979
Percentage Composition: C 75.94%; H 4.67%; N 5.90%; O 13.49%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 115-116°
Aldrich: 40475-6
Rare Chemicals Library: S34198-3

>> **Derivative:** *N*-Ph
Synonym(s): *N*-Phenylphthalimide. Phthalanil

CAS Registry Number: 520-03-6
Molecular Formula: C₁₄H₉NO₂
Molecular Weight: 223.231
Accurate Mass: 223.063329
Percentage Composition: C 75.33%; H 4.06%; N 6.27%; O 14.33%
Physical Description: Needles (EtOH)
Melting Point: Mp 210°
Other Data: Sublimes

Aldrich: 41627-4
Rare Chemicals Library: S55176-7

>> **Derivative:** *N*-(3-Methylphenyl)

CAS Registry Number: 2314-76-3
Molecular Formula: C₁₅H₁₁NO₂
Molecular Weight: 237.257
Accurate Mass: 237.078979
Percentage Composition: C 75.94%; H 4.67%; N 5.90%; O 13.49%
Physical Description: Needles (AcOH)
Melting Point: Mp 179-180°
Other: PB T16695

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

CAS Registry Number: 3416-57-7
Molecular Formula: C₁₁H₉NO₃
Molecular Weight: 203.197
Accurate Mass: 203.058244
Percentage Composition: C 65.02%; H 4.46%; N 6.89%; O 23.62%
Melting Point: Mp 121-123°
Aldrich: 38057-1
Rare Chemicals Library: S61258-8

>> **Derivative:** *N*-Chloro

CAS Registry Number: 3481-09-2
Molecular Formula: C₈H₄ClNO₂
Molecular Weight: 181.578
Accurate Mass: 180.993056
Percentage Composition: C 52.92%; H 2.22%; Cl 19.52%; N 7.71%; O 17.62%
Use/Importance: Used as a 0.05*M* soln. in glac. AcOH as an oxidant for direct titrations in aq. AcOH
Physical Description: Cryst.
Melting Point: Mp 183-185°
Solubility: Sol. AcOH, EtOH, C₆H₆; insol. H₂O