



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 129-130°
Rare Chemicals Library: S5398-9

>>Derivative: *N*-Trifluoroacetyl

CAS Registry Number: 51599-76-9
Molecular Formula: C₆H₄F₃NO₃
Molecular Weight: 195.098
Accurate Mass: 195.014328
Percentage Composition: C 36.94%; H 2.07%; F 29.21%; N 7.18%; O 24.60%
Use/Importance: Trifluoroacetylation agent
Physical Description: Cryst.

>>Derivative: *N*-Me

>>Derivative: *N*-Vinyl

CAS Registry Number: 2372-96-5
Molecular Formula: C₆H₇NO₂
Molecular Weight: 125.127
Accurate Mass: 125.047679
Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%
Use/Importance: Water-soluble monomer
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 48-49°
Solubility: Sol. H₂O

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

CAS Registry Number: 2555-14-8
Molecular Formula: C₇H₉NO₂
Molecular Weight: 139.154
Accurate Mass: 139.063329
Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%
Boiling Point: Bp 249-250°

>>Derivative: *N*-Cyclohexyl
Synonym(s): *N*-Cyclohexylsuccinimide

CAS Registry Number: 6301-71-9
Molecular Formula: C₁₀H₁₅NO₂
Molecular Weight: 181.234
Accurate Mass: 181.110279
Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%
Melting Point: Mp 42°
Rare Chemicals Library: S55161-9
Other: PB C31958

>>Derivative: *N*-Ph
Synonym(s): 1-Phenyl-2,5-pyrrolidinedione, 9CI. *N*-Phenylsuccinimide, 8CI. Succinanyl

CAS Registry Number: 83-25-0
Molecular Formula: C₁₀H₉NO₂
Molecular Weight: 175.187
Accurate Mass: 175.063329
Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%
Physical Description: Needles (H₂O)
Melting Point: Mp 156°. Mp 203°
Boiling Point: Bp 400° approx.
Rare Chemicals Library: S28899-3