



CAS Registry Number: 52659-18-4

Molecular Formula: $C_{12}H_{13}NO_5$

Molecular Weight: 251.238

Accurate Mass: 251.079374

Percentage Composition: C 57.37%; H 5.22%; N 5.58%; O 31.84%

Physical Description: Cryst. (AcOH aq.)

Melting Point: Mp 92-93°

>>Derivative: *N*-Ac

CAS Registry Number: 15371-06-9

Molecular Formula: $C_{10}H_9NO_5$

Molecular Weight: 223.185

Accurate Mass: 223.048074

Percentage Composition: C 53.82%; H 4.06%; N 6.28%; O 35.84%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 206°

>>Derivative: Imide

Synonym(s): 3-Aminophthalimide

CAS Registry Number: 2518-24-3

Molecular Formula: $C_8H_6N_2O_2$

Molecular Weight: 162.148

Accurate Mass: 162.042928

Percentage Composition: C 59.26%; H 3.73%; N 17.28%; O 19.73%

Physical Description: Yellow needles (H₂O or EtOH)

Melting Point: Mp 266-267°

>>Derivative: Imide, 3-*N*-Ac

Molecular Formula: $C_{10}H_8N_2O_3$

Molecular Weight: 204.185

Accurate Mass: 204.053493

Percentage Composition: C 58.82%; H 3.95%; N 13.72%; O 23.51%

Physical Description: Needles (H₂O)

Melting Point: Mp 242°