



CAS Registry Number: 41939-61-1
Molecular Formula: $C_7H_9N_3O_2$
Molecular Weight: 167.167
Accurate Mass: 167.069477
Percentage Composition: C 50.30%; H 5.43%; N 25.14%; O 19.14%
Physical Description: Red-brown needles with blue reflex
Melting Point: Mp 177-178°
Rare Chemicals Library: S94090-9

>>Derivative: 2-*N*-Me

CAS Registry Number: 95576-84-4
Molecular Formula: $C_7H_9N_3O_2$
Molecular Weight: 167.167
Accurate Mass: 167.069477
Percentage Composition: C 50.30%; H 5.43%; N 25.14%; O 19.14%
Physical Description: Yellow plates (C_6H_6)
Melting Point: Mp 184°

>>Derivative: 1-*N*-Di-Me

Synonym(s): 2-Amino-*N,N*-dimethyl-4-nitroaniline

CAS Registry Number: 5367-52-2
Molecular Formula: $C_8H_{11}N_3O_2$
Molecular Weight: 181.194
Accurate Mass: 181.085127
Percentage Composition: C 53.03%; H 6.12%; N 23.19%; O 17.66%
Physical Description: Orange-yellow needles (H_2O)
Melting Point: Mp 63°

>>Derivative: 1,2-*N*-Di-Me

CAS Registry Number: 1457-55-2
Molecular Formula: $C_8H_{11}N_3O_2$
Molecular Weight: 181.194
Accurate Mass: 181.085127
Percentage Composition: C 53.03%; H 6.12%; N 23.19%; O 17.66%
Physical Description: Red prisms (AcOH)
Melting Point: Mp 172°

>>Derivative: 1-*N*-Di-Me, 2-*N*-Ac

CAS Registry Number: 5367-36-2
Molecular Formula: $C_{10}H_{13}N_3O_3$
Molecular Weight: 223.231
Accurate Mass: 223.095692
Percentage Composition: C 53.81%; H 5.87%; N 18.82%; O 21.50%
Physical Description: Cryst.
Melting Point: Mp 162°

References: