Percentage Composition: C 70.55%; H 8.88%; N 20.57%
Use/Importance: Anal. reagent for phenols, aromatic amines, etc. Used for photometric detn. of $SO_4^{2(-)}$, $S^{2(-)}$; as indicator in titrimetric detn. of V
Physical Description: Needles
Melting Point: Mp 41°
Boiling Point: Bp 262°. Bp_{14} 136°
Solubility: Sol. EtOH, Me_2CO, C_6H_6, Et_2O, aq. HCl, $CHCl_3$; insol. H_2O
Hazard & Toxicity: Irritant. Can cause dermatitis

Aldrich: 19399-2
Fluka: 7760
Rare Chemicals Library: S45378-1
Sigma: D0401

>>**Derivative:** *N*,*N*-Di-Me; hydrochloride

CAS Registry Number: 2052-46-2
Melting Point: Mp 215 dec.°

Aldrich: 27157-8
Fluka: 7775
Sigma: D5129

>>**Derivative:** *N*,*N*-Di-Me; hydrochloride (1:2)

CAS Registry Number: 536-46-9
Melting Point: Mp 222 dec.°
Aldrich: 21923-1
Fluka: 7770
Sigma: D4139

>>**Derivative:** *N*,*N*-Di-Me; sulfate

CAS Registry Number: 536-47-0
Extra CAS Registry Numbers(s): 6219-73-4
Melting Point: Mp 200-205 dec.°
Sigma: D4142

>>**Derivative:** *N*,*N*-Di-Me, oxalate salt (2:1)

CAS Registry Number: 62778-12-5
Melting Point: Mp 200°

>>**Derivative:** *N*,*N*'-Di-Me

CAS Registry Number: 105-10-2
Molecular Formula: $C_8H_{12}N_2$
Molecular Weight: 136.196
Accurate Mass: 136.100048
Percentage Composition: C 70.55%; H 8.88%; N 20.57%
Physical Description: Cryst. (petrol)
Melting Point: Mp 53°
Boiling Point: Bp_{17} 149-150°

>>**Derivative:** *N*,*N*,*N*'-Tri-Me

CAS Registry Number: 5369-34-6
Molecular Formula: $C_9H_{14}N_2$
Molecular Weight: 150.223
Accurate Mass: 150.115698
Percentage Composition: C 71.96%; H 9.39%; N 18.65%
Physical Description: Oil
Boiling Point: Bp 265°. $Bp_{0.1}$ 80-88°
Refractive Index: n_D^{22} 1.5829
Other Data: Stains deep purple on standing in air