



Optical Rotation: $[\alpha]_{\text{D}}^{25} -20$ (c, 0.15 in CHCl_3)

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

CAS Registry Number: 91361-07-8

Molecular Formula: $\text{C}_{18}\text{H}_{24}\text{N}_2$

Molecular Weight: 268.401

Accurate Mass: 268.193948

Percentage Composition: C 80.55%; H 9.01%; N 10.44%

Physical Description: Needles (hexane)

Melting Point: Mp 88-89.5°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +57.2$ (c, 1.09 in CHCl_3)

>>**Variant:** (1*RS*,2*RS*)-form

Synonym(s): (±)-form

CAS Registry Number: 16635-95-3

Extra CAS Registry Numbers(s): 107133-00-6

Type of Compound Code(s): PG5250 PS7720

Molecular Formula: $\text{C}_{14}\text{H}_{16}\text{N}_2$

Molecular Weight: 212.294

Accurate Mass: 212.131348

Percentage Composition: C 79.21%; H 7.60%; N 13.20%

Use/Importance: Fluorogenic reagent for hplc anal. of catecholamines

Physical Description: Cryst. (petrol)

Melting Point: Mp 90-92° (76-77°)

>>**Derivative:** Hydrochloride (1:2)

CAS Registry Number: 141701-98-6

Physical Description: Cryst.

Melting Point: Mp 251 dec.°

>>**Derivative:** Picrate

Physical Description: Cryst.

Melting Point: Mp 220°

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

CAS Registry Number: 60508-97-6

Molecular Formula: $\text{C}_{16}\text{H}_{20}\text{N}_2$

Molecular Weight: 240.347

Percentage Composition: C 79.96%; H 8.39%; N 11.66%

Physical Description: Oil

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

CAS Registry Number: 94533-52-5

Molecular Formula: $\text{C}_{18}\text{H}_{24}\text{N}_2$

Molecular Weight: 268.401

Percentage Composition: C 80.55%; H 9.01%; N 10.44%

Physical Description: Cryst. (hexane)

Melting Point: Mp 104.5-106.5°

>>**Derivative:** *N,N,N',N'*-Tetra-Et

CAS Registry Number: 94533-54-7

Molecular Formula: $\text{C}_{22}\text{H}_{32}\text{N}_2$

Molecular Weight: 324.508

Accurate Mass: 324.256548

Percentage Composition: C 81.43%; H 9.94%; N 8.63%

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 74.5-77°