



Accurate Mass: 211.110947
Percentage Composition: C 73.91%; H 6.20%; N 19.89%
Physical Description: Red needles
Melting Point: Mp 180°

>>Derivative: *N,N*-Di-Me
see 4-Dimethylaminoazobenzene, [DZT25-Z](#)

>>Derivative: *N,N*-Di-Et
Synonym(s): 4-(Diethylamino)azobenzene

CAS Registry Number: 2481-94-9
Molecular Formula: C₁₆H₁₉N₃
Molecular Weight: 253.346
Accurate Mass: 253.157897
Percentage Composition: C 75.86%; H 7.56%; N 16.59%
Melting Point: Mp 97-98°

Aldrich: 12898-8

>>Derivative: *N*-Ph
Synonym(s): 4-(Phenylazo)diphenylamine. *p*-Anilinoazobenzene

CAS Registry Number: 101-75-7
Molecular Formula: C₁₈H₁₅N₃
Molecular Weight: 273.337
Accurate Mass: 273.126597
Percentage Composition: C 79.10%; H 5.53%; N 15.37%
Melting Point: Mp 89-91°
Other Data: $\lambda_{\max}$ 411 nm

Aldrich: 22916-4
Fluka: 78164
Rare Chemicals Library: S64849-3

>>Derivative: *N*^α-Oxide
Synonym(s): 4-(Phenyl-*N,N,O*-azoxy)benzenamine, 9CI

CAS Registry Number: 95633-08-2
Molecular Formula: C₁₂H₁₁N₃O
Molecular Weight: 213.238
Accurate Mass: 213.090212
Percentage Composition: C 67.59%; H 5.20%; N 19.71%; O 7.50%
Physical Description: Orange prismatic leaflets
Melting Point: Mp 142° (138°)
Other Data: Oxidised on the azo *N*-atom proximal to the *p*-aminophenyl residue

>>Derivative: *N*^β-Oxide
Synonym(s): 4-(Phenyl-*O,N,N*-azoxy)benzenamine, 9CI

CAS Registry Number: 95633-07-1
Molecular Formula: C₁₂H₁₁N₃O
Molecular Weight: 213.238
Accurate Mass: 213.090212
Percentage Composition: C 67.59%; H 5.20%; N 19.71%; O 7.50%
Physical Description: Pale-yellow cryst.
Melting Point: Mp 136°
Other Data: Oxidised on the azo *N*-atom distal to the *p*-aminophenyl residue

References: