Aldrich: 12898-8

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

CAS Registry Number: 101-75-7
Molecular Formula: $C_{18}H_{15}N_3$
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: λ_{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: $C_{12}H_{11}N_3O$
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: $C_{12}H_{11}N_3O$
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: