



Molecular Formula: C₇H₉NO
Molecular Weight: 123.154
Accurate Mass: 123.068414
Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%
Physical Description: Plates (C₆H₆/petrol)
Melting Point: Mp 96-97°

>>Derivative: *N*-Me, *N*-Ac

Molecular Formula: C₉H₁₁NO₂
Molecular Weight: 165.191
Accurate Mass: 165.078979
Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 152-153°

>>Derivative: *N*-Me, *N*-benzoyl

CAS Registry Number: 3743-16-6
Molecular Formula: C₁₄H₁₃NO₂
Molecular Weight: 227.262
Accurate Mass: 227.094629
Percentage Composition: C 73.99%; H 5.77%; N 6.16%; O 14.08%
Physical Description: Needles (toluene/hexane)
Melting Point: Mp 160°

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

Synonym(s): 2-(Dimethylamino)phenol. 2-Hydroxy-*N,N*-dimethylaniline

CAS Registry Number: 3743-22-4
Molecular Formula: C₈H₁₁NO
Molecular Weight: 137.181
Accurate Mass: 137.084064
Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%
Physical Description: Prisms
Melting Point: Mp 45°
Boiling Point: Bp 199-200°
pKa Value: p*K*_a 10.62 (25°, 0.1*M* KCl)

>>Derivative: *N*-Benzyl

Synonym(s): 2-Benzylaminophenol

CAS Registry Number: 46425-95-0
Molecular Formula: C₁₃H₁₃NO
Molecular Weight: 199.252
Accurate Mass: 199.099714
Percentage Composition: C 78.36%; H 6.58%; N 7.03%; O 8.03%
Physical Description: Pale brown plates (cyclohexane)
Melting Point: Mp 89-90°

>>Derivative: *N*-Benzylidene

Synonym(s): 2-(Benzylideneamino)phenol. 2-[(Phenylmethylene)amino]phenol, 9*Cl*. *N*-Benzylidene-2-aminophenol

CAS Registry Number: 3230-45-3
Molecular Formula: C₁₃H₁₁NO
Molecular Weight: 197.236
Accurate Mass: 197.084064
Percentage Composition: C 79.17%; H 5.62%; N 7.10%; O 8.11%
Physical Description: Yellow solid
Melting Point: Mp 95°

>>Derivative: Me ether

see 2-Methoxyaniline, [FFR26-C](#)

>>Derivative: Et ether

see 2-Ethoxyaniline, [FDF31-E](#)