



>>Derivative: *N*-Benzyl
Synonym(s): 3-Benzylaminophenol

CAS Registry Number: 46457-64-1
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%
Boiling Point: Bp₂ 174-176°

>>Derivative: *N*-Benzylidene
Synonym(s): 3-(Benzylideneamino)phenol. 3-[(Phenylmethylene)amino]phenol, 9Cl. *N*-Benzylidene-3-aminophenol

CAS Registry Number: 18277-39-9
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: Brownish cryst. (EtOH aq.)
Melting Point: Mp 101-102°

>>Derivative: Me ether
see 3-Methoxyaniline, [FFR27-D](#)

>>Derivative: Trifluoromethyl ether
Synonym(s): 3-(Trifluoromethoxy)aniline. 3-(Trifluoromethoxy)benzenamine, 9Cl. α,α,α -Trifluoro-*m*-anisidine

CAS Registry Number: 1535-73-5
Molecular Formula: C₇H₆F₃NO
Molecular Weight: 177.126
Accurate Mass: 177.040148
Percentage Composition: C 47.47%; H 3.41%; F 32.18%; N 7.91%; O 9.03%
Boiling Point: Bp₇ 70°
Density: d 1.32
Refractive Index: n_D²⁵ 1.4637
Aldrich: 34254-8

>>Derivative: Et ether
see 3-Ethoxyaniline, [FDF28-I](#)

>>Derivative: 1,1,2,2-Tetrafluoroethyl ether

CAS Registry Number: 831-75-4
Molecular Formula: C₈H₇F₄NO
Molecular Weight: 209.143
Accurate Mass: 209.046376
Percentage Composition: C 45.94%; H 3.37%; F 36.34%; N 6.70%; O 7.65%
Boiling Point: Bp₁₅ 112-114°. Bp₇ 100°
Density: d 1.36
Refractive Index: n_D²⁰ 1.4640

>>Derivative: Isopropyl ether
Synonym(s): 3-Isopropoxyaniline. 3-(1-Methylethoxy)benzenamine, 9Cl

CAS Registry Number: 41406-00-2
Molecular Formula: C₉H₁₃NO
Molecular Weight: 151.208
Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Physical Description: Liq.
Melting Point: Mp 175-180° (as hydrochloride)
Boiling Point: Bp 244-245°
Other: PB I08929