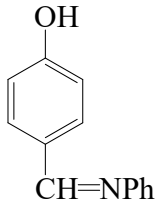
>>**Entry Name: 4-[(Phenylimino)methyl]phenol,** 9CI
Synonym(s): *p*-(*N*-Phenylformimidoyl)phenol, 8CI. *N*-(4-Hydroxybenzylidene)aniline



CAS Registry Number: 1689-73-2
Related CAS Registry Numbers(s): 94664-72-9
Extra CAS Registry Numbers(s): 2505-66-0 40339-46-6

Molecular Formula: $C_{13}H_{11}NO$
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 cryst. (EtOH)
Melting Point: Mp 193-194°. Mp 215-218° (as hydrochloride)

>>**Derivative:** *N*-Oxide

CAS Registry Number: 2878-50-4
Molecular Formula: $C_{13}H_{11}NO_2$
Molecular Weight: 213.235
Accurate Mass: 213.078979
Percentage Composition: C 73.23%; H 5.20%; N 6.57%; O 15.01%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 214°

>>**Derivative:** Me ether
Synonym(s): *N*-[(4-Methoxyphenyl)methylene]benzenamine, 9CI

CAS Registry Number: 836-41-9
Extra CAS Registry Numbers(s): 1613-96-3 40339-47-7
Molecular Formula: $C_{14}H_{13}NO$
Molecular Weight: 211.263
Accurate Mass: 211.099714
Percentage Composition: C 79.59%; H 6.20%; N 6.63%; O 7.57%
Physical Description: Yellow cryst.
Melting Point: Mp 61°

>>**Derivative:** Me ether, *N*-oxide

CAS Registry Number: 85225-54-3
Extra CAS Registry Numbers(s): 3585-93-1
Molecular Formula: $C_{14}H_{13}NO_2$
Molecular Weight: 227.262
Accurate Mass: 227.094629
Percentage Composition: C 73.99%; H 5.77%; N 6.16%; O 14.08%
Physical Description: Yellow cryst. (EtOH)
Melting Point: Mp 119-120°. Mp 118° (116°)
Other Data: Props. refer to (*E*)-form

>>**Derivative:** Ph ether
Synonym(s): *N*-[(4-Phenoxyphenyl)methylene]benzenamine, 9CI

CAS Registry Number: 4616-59-5
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 48-49°

References: