



>>Entry Name: 2-Amino-4'-chlorobiphenyl

Synonym(s): 4'-Chloro-[1,1'-biphenyl]-2-amine, 9Cl. 4'-Chloro-2-biphenylamine

CAS Registry Number: 1204-44-0

Molecular Formula: C₁₂H₁₀ClN

Molecular Weight: 203.67

Accurate Mass: 203.050176

Percentage Composition: C 70.77%; H 4.95%; Cl 17.41%; N 6.88%

Physical Description: Cryst. (petrol)

Melting Point: Mp 52°

>>Derivative: N-Benzoyl

Synonym(s): 2-Benzamido-4'-chlorobiphenyl

Molecular Formula: C₁₉H₁₄ClNO

Molecular Weight: 307.778

Accurate Mass: 307.076391

Percentage Composition: C 74.15%; H 4.58%; Cl 11.52%; N 4.55%; O 5.20%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 171-172°

References:

Raiford, L.C. *et al.*, *J.A.C.S.*, 1934, **56**, 680, (*synth*)

Bradsher, C.K. *et al.*, *J.A.C.S.*, 1946, **68**, 404, (*synth*)

Parrish, J.H. *et al.*, *J.C.S.*, 1964, 4713, (*ir*)