



>>Entry Name: 4-Amino-4'-chlorodiphenyl ether

Synonym(s): 4-(4-Chlorophenoxy)benzenamine. 4-(4-Chlorophenoxy)aniline

CAS Registry Number: 101-79-1

Related CAS Registry Numbers(s): 40859-51-6

Molecular Formula: $C_{12}H_{10}ClNO$

Molecular Weight: 219.67

Accurate Mass: 219.045091

Percentage Composition: C 65.61%; H 4.59%; Cl 16.14%; N 6.38%; O 7.28%

Physical Description: Prisms (MeOH)

Melting Point: Mp 98-100°

>>Derivative: *N*-Ac

Molecular Formula: $C_{14}H_{12}ClNO_2$

Molecular Weight: 261.707

Accurate Mass: 261.055656

Percentage Composition: C 64.25%; H 4.62%; Cl 13.55%; N 5.35%; O 12.23%

Physical Description: Plates (MeOH)

Melting Point: Mp 146°

References:

Scarborough, H.A., *J.C.S.*, 1929, 2361