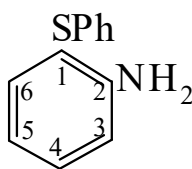




>>Entry Name: 2-Aminodiphenyl sulfide

Synonym(s): *o*-(Phenylthio)aniline, 8Cl. *o*-Aminothiophenol phenyl ether



CAS Registry Number: 1134-94-7

Molecular Formula: C₁₂H₁₁NS

Molecular Weight: 201.292

Accurate Mass: 201.061219

Percentage Composition: C 71.60%; H 5.51%; N 6.96%; S 15.93%

Physical Description: Plates (EtOH)

Melting Point: Mp 35-36°

Boiling Point: Bp₁₀₀ 258°. Bp₂₅ 212°

Fluka: 7955

>>Derivative: *N*-Benzenesulfonyl

Molecular Formula: C₁₈H₁₅NO₂S₂

Molecular Weight: 341.454

Percentage Composition: C 63.32%; H 4.43%; N 4.10%; O 9.37%; S 18.78%

Melting Point: Mp 225-226°

>>Derivative: *S,S*-Dioxide

Synonym(s): 2-Aminophenyl phenyl sulfone. 2-(Phenylsulfonyl)aniline

CAS Registry Number: 4273-98-7

Molecular Formula: C₁₂H₁₁NO₂S

Molecular Weight: 233.29

Accurate Mass: 233.051049

Percentage Composition: C 61.78%; H 4.75%; N 6.00%; O 13.72%; S 13.75%

Melting Point: Mp 120-122°

Aldrich: 22504-5

References:

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