



>>Entry Name: **3-Aminodibenzothiophene**

Synonym(s): 3-Dibenzothiophenamine, 9Cl

CAS Registry Number: 25288-76-0

Molecular Formula: C₁₂H₉NS

Molecular Weight: 199.276

Accurate Mass: 199.045569

Percentage Composition: C 72.33%; H 4.55%; N 7.03%; S 16.09%

Melting Point: Mp 121-122°

>>Derivative: *N*-Ac

Molecular Formula: C₁₄H₁₁NOS

Molecular Weight: 241.313

Accurate Mass: 241.056134

Percentage Composition: C 69.68%; H 4.59%; N 5.80%; O 6.63%; S 13.29%

Melting Point: Mp 199-200°

References:

Gilman, H. *et al.*, *J.A.C.S.*, 1945, **67**, 1479, (*synth*)

Sawacki, E., *J.A.C.S.*, 1954, **76**, 664, (*uv*)

Campaigne, E. *et al.*, *J. Het. Chem.*, 1969, **6**, 517, (*synth, nmr*)

Kudo, S. *et al.*, *J. Het. Chem.*, 1985, **22**, 215, (*synth, pmr, ms*)