



Accurate Mass: 254.051383

Percentage Composition: C 66.12%; H 3.96%; N 11.02%; O 6.29%; S 12.61%

Melting Point: Mp 186°

>>Derivative: 2-*N*-Me

CAS Registry Number: 16954-69-1

Molecular Formula: C₈H₈N₂S

Molecular Weight: 164.231

Accurate Mass: 164.040818

Percentage Composition: C 58.51%; H 4.91%; N 17.06%; S 19.52%

Physical Description: Prisms (EtOH)

Melting Point: Mp 138°

>>Derivative: 2-*N*-Ph

Synonym(s): 2-Anilinobenzothiazole

CAS Registry Number: 1843-21-6

Molecular Formula: C₁₃H₁₀N₂S

Molecular Weight: 226.301

Accurate Mass: 226.056468

Percentage Composition: C 69.00%; H 4.45%; N 12.38%; S 14.17%

Physical Description: Needles (EtOH)

Melting Point: Mp 159°

>>Variant: Imino-form

Molecular Formula: C₇H₆N₂S

Molecular Weight: 150.204

Accurate Mass: 150.025168

Percentage Composition: C 55.98%; H 4.03%; N 18.65%; S 21.35%

>>Derivative: 3-*N*-Ac

Molecular Formula: C₉H₈N₂OS

Molecular Weight: 192.241

Accurate Mass: 192.035733

Percentage Composition: C 56.23%; H 4.19%; N 14.57%; O 8.32%; S 16.68%

Melting Point: Mp 158°

References: