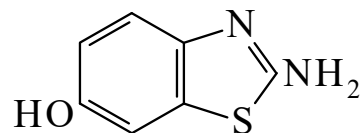




>>Entry Name: 2-Amino-6-hydroxybenzothiazole

Synonym(s): 2-Amino-6-benzothiazolol



CAS Registry Number: 26278-79-5

Molecular Formula: C₇H₆N₂OS

Molecular Weight: 166.203

Accurate Mass: 166.020083

Percentage Composition: C 50.59%; H 3.64%; N 16.85%; O 9.63%; S 19.29%

Physical Description: Straw-coloured needles (EtOH aq.)

Melting Point: Mp 249-251°. Mp 265-266°

>>Derivative: Me ether

Synonym(s): 2-Amino-6-methoxybenzothiazole

CAS Registry Number: 1747-60-0

Molecular Formula: C₈H₈N₂OS

Molecular Weight: 180.23

Accurate Mass: 180.035733

Percentage Composition: C 53.31%; H 4.47%; N 15.54%; O 8.88%; S 17.79%

Physical Description: Plates (EtOH aq.)

Melting Point: Mp 165-167°

Aldrich: 16259-0

>>Derivative: Et ether

Synonym(s): 2-Amino-6-ethoxybenzothiazole

CAS Registry Number: 94-45-1

Molecular Formula: C₉H₁₀N₂OS

Molecular Weight: 194.257

Accurate Mass: 194.051383

Percentage Composition: C 55.65%; H 5.19%; N 14.42%; O 8.24%; S 16.51%

Physical Description: Cryst.

Melting Point: Mp 164-166°

References:

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