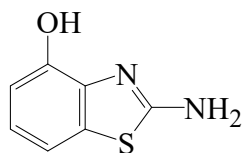




>>Entry Name: 2-Amino-4-hydroxybenzothiazole

Synonym(s): 4-Hydroxy-2-benzothiazolamine



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: No. phys props. reported

>>Derivative: Me ether

Synonym(s): 2-Amino-4-methoxybenzothiazole, 8CI

CAS Registry Number: 5464-79-9

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: Cryst. (H₂O)

Melting Point: Mp 144°. Mp 153-155°

Aldrich: 13821-5

References:

Erlenmeyer, H. *et al.*, *Helv. Chim. Acta*, 1942, **25**, 515, (*synth, deriv*)

Feng, P.K. *et al.*, *J.A.C.S.*, 1960, **82**, 2115, (*synth*)