



>>Entry Name: 6-Aminobenzothiazole, 8Cl

Synonym(s): 6-Benzothiazolamine, 9Cl

CAS Registry Number: 533-30-2

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%

Melting Point: Mp 87° (84-85°)

Rare Chemicals Library: S38644-8

>>Derivative: 6-*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 170-171°

References:

Nishizawa, H. *et al.*, *Yakugaku Zasshi*, 1942, **62**, 47; *CA*, **45**, 609, (*synth*)

Boggust, W. *et al.*, *J.C.S.*, 1949, 355, (*synth*)

McKillop, A. *et al.*, *J.O.C.*, 1976, **41**, 1328, (*deriv*)