



>>Entry Name: 2-Amino-6-benzothiazolecarboxylic acid, 9CI

CAS Registry Number: 93-85-6

Related CAS Registry Numbers(s): 18330-76-2

Molecular Formula: C₈H₆N₂O₂S

Molecular Weight: 194.214

Accurate Mass: 194.014998

Percentage Composition: C 49.48%; H 3.11%; N 14.42%; O 16.48%; S 16.51%

Physical Description: Solid

Melting Point: Mp 300°. Mp 193°

>>Derivative: Me ester

CAS Registry Number: 66947-92-0

Molecular Formula: C₉H₈N₂O₂S

Molecular Weight: 208.24

Accurate Mass: 208.030648

Percentage Composition: C 51.91%; H 3.87%; N 13.45%; O 15.37%; S 15.40%

Melting Point: Mp 244-245°

>>Derivative: Et ester

CAS Registry Number: 50850-93-6

Molecular Formula: C₁₀H₁₀N₂O₂S

Molecular Weight: 222.267

Accurate Mass: 222.046298

Percentage Composition: C 54.04%; H 4.53%; N 12.60%; O 14.40%; S 14.43%

Melting Point: Mp 241°

>>Derivative: Nitrile

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

CAS Registry Number: 19759-66-1

Molecular Formula: C₈H₅N₃S

Molecular Weight: 175.214

Accurate Mass: 175.020417

Percentage Composition: C 54.84%; H 2.88%; N 23.98%; S 18.30%

Melting Point: Mp 203-204°