



>>Entry Name: **2-Amino-5-methylthiazole**

Synonym(s): 5-Methyl-2-thiazolamine, 9CI

CAS Registry Number: 7305-71-7

Related CAS Registry Numbers(s): 52829-93-3

Molecular Formula: C₄H₆N₂S

Molecular Weight: 114.171

Accurate Mass: 114.025168

Percentage Composition: C 42.08%; H 5.30%; N 24.54%; S 28.09%

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 96°

Aldrich: 38056-3

>>Derivative: Hydrochloride

CAS Registry Number: 6593-86-8

Melting Point: Mp 94-95°

>>Derivative: *N*-Ac

Molecular Formula: C₆H₈N₂OS

Molecular Weight: 156.208

Accurate Mass: 156.035733

Percentage Composition: C 46.13%; H 5.16%; N 17.93%; O 10.24%; S 20.53%

Melting Point: Mp 221-222°

>>Derivative: *N*-Me

Synonym(s): 5-Methyl-2-(methylamino)thiazole

CAS Registry Number: 52829-91-1

Molecular Formula: C₅H₈N₂S

Molecular Weight: 128.198

Accurate Mass: 128.040818

Percentage Composition: C 46.85%; H 6.29%; N 21.85%; S 25.01%