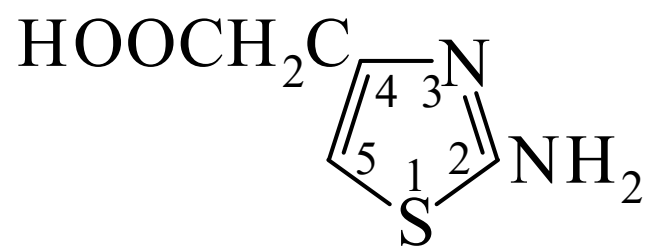




>>Entry Name: 2-Amino-4-thiazoleacetic acid



CAS Registry Number: 29676-71-9

Molecular Formula: C₅H₆N₂O₂S

Molecular Weight: 158.181

Accurate Mass: 158.014998

Percentage Composition: C 37.97%; H 3.82%; N 17.71%; O 20.23%; S 20.27%

Use/Importance: Mod. active plant growth regulator

Melting Point: Mp 121-122 dec.° (130°)

Aldrich: 24969-6

>>**Derivative:** Tetrafluoroborate salt

CAS Registry Number: 110295-78-8

Physical Description: Cryst.

Melting Point: Mp 180-185°

>>**Derivative:** Et ester

CAS Registry Number: 53266-94-7

Molecular Formula: C₇H₁₀N₂O₂S

Molecular Weight: 186.234

Accurate Mass: 186.046298

Percentage Composition: C 45.15%; H 5.41%; N 15.04%; O 17.18%; S 17.22%

Melting Point: Mp 92-94°

Aldrich: 22055-8

Fluka: 9486

>>**Derivative:** *N*-Formyl, Et ester

CAS Registry Number: 64987-05-9

Molecular Formula: C₈H₁₀N₂O₃S

Molecular Weight: 214.245

Accurate Mass: 214.041213

Percentage Composition: C 44.85%; H 4.70%; N 13.08%; O 22.40%; S 14.97%

Physical Description: Cryst.

Melting Point: Mp 119-120°

Aldrich: 27975-7

References:

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Garraway, J.L., *Pestic. Sci.*, 1970, **1**, 240, (*props*)

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