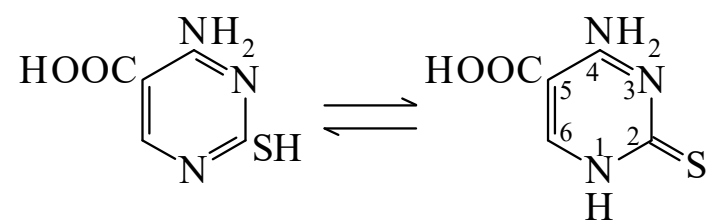




>>Entry Name: 4-Amino-2-mercapto-5-pyrimidinecarboxylic acid

Synonym(s): 4-Amino-2(1*H*)-pyrimidine-2-thione-5-carboxylic acid. 6-Amino-1,2-dihydro-2-thioxo-5-pyrimidinecarboxylic acid, 9CI



Molecular Formula: C₅H₅N₃O₂S

Molecular Weight: 171.179

Accurate Mass: 171.010247

Percentage Composition: C 35.08%; H 2.94%; N 24.55%; O 18.69%; S 18.73%

Physical Description: Cryst. (HCl aq.)

Melting Point: Mp 276-279°

>>Derivative: Et ester

CAS Registry Number: 774-07-2

Molecular Formula: C₇H₉N₃O₂S

Molecular Weight: 199.233

Accurate Mass: 199.041547

Percentage Composition: C 42.20%; H 4.55%; N 21.09%; O 16.06%; S 16.09%

Use/Importance: Shows some bactericidal activity

Physical Description: Cryst. (AcOH aq.)

Melting Point: Mp 280-285°

Rare Chemicals Library: S34807-4

References:

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