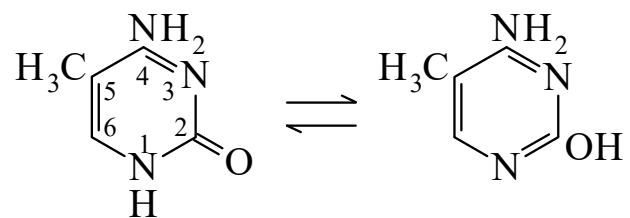




>>Entry Name: 4-Amino-2-hydroxy-5-methylpyrimidine

Synonym(s): 4-Amino-5-methyl-2(1*H*)-pyrimidinone, 9Cl. 5-Methylcytosine



CAS Registry Number: 554-01-8

Molecular Formula: C₅H₇N₃O

Molecular Weight: 125.13

Accurate Mass: 125.058912

Percentage Composition: C 47.99%; H 5.64%; N 33.58%; O 12.79%

Biological Source: Constit. of DNA of plants and animals

Physical Description: Cryst. (H₂O)

Melting Point: Mp 287-292°

Rare Chemicals Library: S45533-4

>>Derivative: Hydrochloride

Physical Description: Plates or prisms

Melting Point: Mp 288-290°

References:

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Kream, J. *et al.*, *J.A.C.S.*, 1952, **74**, 5157, (*isol*)
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Kokko, J. *et al.*, *J.A.C.S.*, 1962, **84**, 1042, (*pmr*)
Rice, J.M. *et al.*, *J.A.C.S.*, 1965, **87**, 4569, (*ms*)
Kloetzer, W. *et al.*, *Monatsh. Chem.*, 1965, **96**, 1721, (*synth*)
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