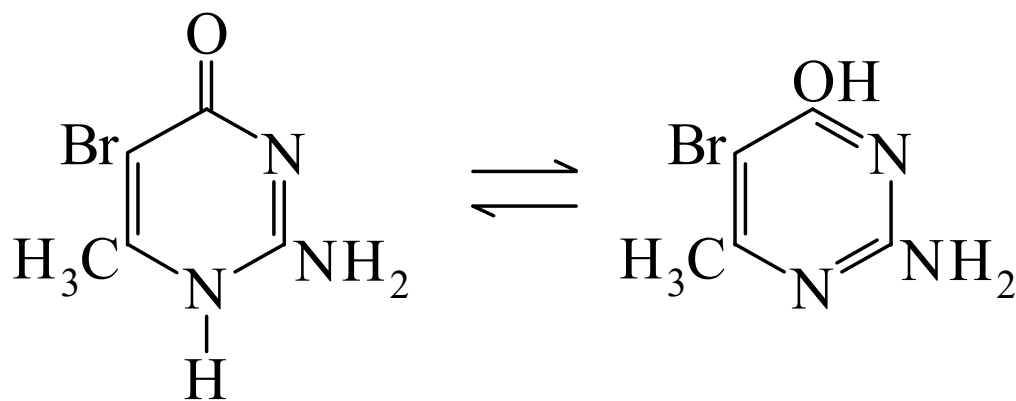




>>Entry Name: 2-Amino-5-bromo-4-hydroxy-6-methylpyrimidine

Synonym(s): 2-Amino-5-bromo-6-methyl-4(1H)-pyrimidinone, 9Cl. 2-Amino-5-bromo-6-methyl-4-pyrimidinol, 8Cl. 5-Bromo-6-methylisocytosine. U 25166



CAS Registry Number: 6307-35-3

Molecular Formula: C<sub>5</sub>H<sub>6</sub>BrN<sub>3</sub>O

Molecular Weight: 204.026

Accurate Mass: 202.989423

Percentage Composition: C 29.43%; H 2.96%; Br 39.16%; N 20.60%; O 7.84%

Use/Importance: Inducer of interferon. Antiviral agent

Physical Description: Cryst. (H<sub>2</sub>O)

Melting Point: Mp 250 dec.°

Aldrich: 20520-6

Sigma: A3023

#### References:

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Nichol, F.R. *et al.*, *Antimicrob. Agents Chemother.*, 1976, **9**, 433, (*pharmacol*)

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Hirota, K. *et al.*, *J.O.C.*, 1978, **43**, 1193, (*synth*)

Stringfellow, D.A., *Science (Washington, D.C.)*, 1978, **201**, 376, (*pharmacol*)