

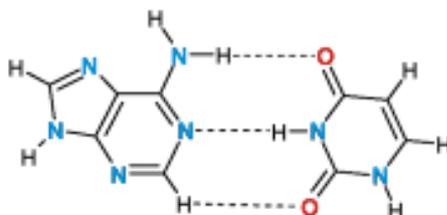
Answer on Question #71824 - Chemistry - General Chemistry

Question:

Hydrogen bonding between uracil and Adenine and compare it with adenine and thymine

Solution:

Hydrogen bonding between uracil and adenine can be described:



Adenine . . . Uracil

Hydrogen bonding between adenine and thymine can be described:



Adenine . . . Thymine

In both cases, the hydrogen bond is represented as three bonds: H-N-H...O-C (strong hydrogen bond), N...H-N (medium hydrogen bond), C-H...O-C (weak hydrogen bond).

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