Tautomers are constitutional isomers that differ from each other in the locations of a hydrogen atom and one or more double bonds and interconvert rapidly.

If the hypothetical compounds A and B are tautomers and if, say, A forms as the product in a reaction, some of it is spontaneously and rapidly converted to B, some of which is converted back to A, instantaneously establishing equilibrium between A and B. Thus, there is no independent existence of either A or B.

eg. 1:

![Diagram 1](image1)

eg. 2:

![Diagram 2](image2)

eg. 3:

![Diagram 3](image3)

see also [tautomerism](#), [tautomerization](#)

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**Contributors**

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