A hemiaminal is a compound that has the following general structural formula.

\[
\begin{array}{c}
\text{R}^1 \\
\text{C} \\
\text{R}^2 \\
\text{N} \\
\text{R}^3 \\
\text{OH} \\
\text{R}^4
\end{array}
\]

\(R^1 - R^4\) could be hydrogen atoms, alkyl groups, aryl groups, or any combination thereof.

eg:

- ![Example 1]
- ![Example 2]
- ![Example 3]

The functional group 1 in an organic molecule is called the hemiaminal group; the carbon atom bearing the two heteroatoms is called the hemiaminal carbon.

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**Contributors**

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