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

\[
\begin{align*}
R^1 &= \text{alkyl, aryl}, \\
R^2 &= \text{alkyl, aryl} \\
R^3 &= \text{alkyl}
\end{align*}
\]

eg:

The functional group 1 in an organic molecule is called the hemiketal group; the carbon atom bearing the two oxygen atoms is the hemiketal carbon.

see also cyclic hemiketal, ketal, hemiacetal

Contributors

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