An imminium ion is an ion that has the following general structural formula.

\[
\begin{array}{c}
\hat{C} = N^+ \\
R^1 \quad R^3 \\
R^2 \quad R^4
\end{array}
\]

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

eg:

- H\(\hat{C} = N\)CH\(_3\)CH\(_3\)
- H\(\hat{C} = N\)H
- \(\hat{C} = N\)

see also Mannich reaction

Contributors

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