A tertiary amine oxide or, simply, amine oxide is a compound that has the following general structural formula.

\[
\begin{array}{c}
  \text{R}^1 \quad \text{N}^{+} \quad \text{R}^3 \\
  \vdots \\
  \text{R}^2
\end{array}
\]

$\text{R}^1, \text{R}^2, \text{R}^3 = \text{alkyl groups and/or aryl groups}$

eg:

see also tertiary amine, Cope elimination

Contributors

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