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

\[
\begin{array}{c}
\text{R}^1 \text{N}^+ \text{R}^3 \\
\text{O}_2
\end{array}
\]

R1, R2, R3 = alkyl groups and/or aryl groups

eg:

- CH₃\text{N-CH₃}
- CH₃\text{N-CH₃}
- CH₃\text{N-CH₃}

see also tertiary amine, Cope elimination

Contributors

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