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

\[
\begin{align*}
  &R^1 \begin{array}{c}
  \text{N} \\
  \text{O}
  \end{array} R^3 \\
  \end{align*}
\]

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

eg:

see also tertiary amine, Cope elimination

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)