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

\[ \text{R}^1\text{N}^+\text{R}^3 \]

\[ \text{R}^2 \]

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

eg:

![Structural formulas of tertiary amine oxides](image)

see also tertiary amine, Cope elimination

Contributors

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