A tertiary (3°) ammonium salt is the salt formed in the acid-base reaction of a tertiary amine with an acid.

eg:

\[
\begin{align*}
\text{CH}_3 & \quad \text{N}^+ \quad \text{HCl} \\
\text{CH}_3 & \quad \text{CH}_3 \\
3° \text{ amine} & \quad 3° \text{ amine salt}
\end{align*}
\]

see also tertiary ammonium ion, primary ammonium salt, secondary ammonium salt, quaternary ammonium salt

Contributors

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