A secondary (2°) ammonium salt is the salt formed in the acid-base reaction of a secondary amine with an acid.

eg:

\[
\begin{array}{c}
\text{CH}_3 \\
\text{CH}_2\text{N}^+ \\
\text{H}
\end{array}
\xrightarrow{\text{HCl}}
\begin{array}{c}
\text{CH}_3 \\
\text{CH}_2\text{N}^- \\
\text{H}
\end{array}
\]

2° amine

2° amine salt

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

Contributors

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