A secondary (2°) amide is an amide in the molecule of which the nitrogen atom is bonded to two carbon atoms.

eg:

\[
\begin{align*}
\text{H} & \text{C} \text{N} \text{CH}_3 \\
\text{H} & \\
\end{align*}
\]

\[
\begin{align*}
\text{H} & \text{C} \text{N} \text{CH}_3 \\
\text{H} & \\
\end{align*}
\]

\[
\begin{align*}
\text{C}_6\text{H}_5 & \text{C} \text{N} \text{CH}_3 \\
\text{H} & \\
\end{align*}
\]

see also primary amide, tertiary amide

Contributors

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