An acyl anion is a carbanion that has the following general structural formula.

\[
\begin{array}{c}
\text{O} \\
\text{\_\_\_}
\end{array}
\]

\[ R = \text{H, alkyl, aryl} \]

Acyl anions can not be generated in a synthetically useful manner; for all practical purposes, they are hypothetical.

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**Contributors**

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