An organolithium compound or organolithium reagent is an organometallic compound that has the following general structural formula.

\[ R \quad \text{Li} \]

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

eg:

\[ \begin{array}{c}
\text{H}_3\text{C} \quad \text{Li} \\
\end{array} \quad \begin{array}{c}
\text{Cyclic structure} \quad \text{Li} \\
\end{array} \]

see also carbanion equivalent

Contributors

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