A Grignard reagent is an organomagnesium compound that has the following general structural formula.

\[ R \text{Mg} \text{X} \]

\( R = \) alkyl group or aryl group

\( X = \) halogen atom

eg:

\[
\text{H}_2\text{C} \text{Mg} \text{Cl} \quad \text{or} \quad \text{Mg} \text{Br}
\]

see also carbanion equivalent

Contributors

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