A phosphorus ylide that has the following general structural formula is called a Wittig reagent.

\[
\begin{align*}
\text{Ph}_3\text{P} & \quad \text{C} \\
\text{R}^1 & \quad \text{R}^2
\end{align*}
\]

\(\text{R}^1\) and \(\text{R}^2\) could be hydrogen atoms, alkyl groups, aryl groups, or any combination thereof.

eg:

see also [Wittig reaction](#)

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**Contributors**

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