An addition reaction of an alkene or an alkyne in which the net reaction is addition of two ligands to the multiple-bonded carbon atoms from the same face of the multiple bond is called a syn addition; one in which the net reaction is addition of the two ligands from the opposite faces of the multiple bond is called an anti addition.

eg. 1:

\[
\text{net reaction:}
\]

eg. 2:

\[
\text{net reaction:}
\]

Contributors

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