An electrophilic addition of an alkene or an alkyne that occurs according to Markovnikov’s rule is called a Markovnikov addition; one that occurs against is called an anti-Markovnikov addition.

eg. 1:

\[ \text{Markovnikov addition} \]

\[ \text{anti-Markovnikov addition} \]

eg. 2:

\[ \text{Markovnikov addition} \]

\[ \text{anti-Markovnikov addition} \]

Contributors

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