An alkyl carbocation is a carbocation that has the structural formula of an alkyl group.

eg:

\[
\begin{align*}
\text{methyl carbocation} & : \ce{H-H-C+} \\
\text{tert-butyl carbocation} & : \ce{CH_3-C-CH(CH_3)_2}
\end{align*}
\]

Alkyl carbocations are the most common carbocations; the term carbocation is casually used to mean alkyl carbocation.

Contributors

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