A secondary (2°) alkyl carbocation is an alkyl carbocation in which the carbon atom bearing the formal charge of +1 is bonded to two carbon atoms.

eg:

```
\begin{tikzpicture}
  \node[shape=circle,draw,inner sep=1pt] (a) at (0,0) {C+};
  \node[shape=rectangle,draw,inner sep=1pt] (b) at (-0.5,-1) {H};
  \node[shape=rectangle,draw,inner sep=1pt] (c) at (0.5,-1) {CH₂CH₃};
  \node[shape=rectangle,draw,inner sep=1pt] (d) at (0,-2) {CH₃};

  \draw (a) -- (b);
  \draw (a) -- (c);
\end{tikzpicture}
```

See also primary alkyl carbocation and tertiary alkyl carbocation.

Contributors

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