Thermolysis is breaking one or more covalent bonds in a species using heat as the source of energy.

eg:

\[
\begin{array}{c}
\cdot \partial \cdot \\
\cdot \partial \cdot \\
\end{array}
\xrightarrow[\Delta]{\text{Br}}
\begin{array}{c}
\cdot \partial \\
\cdot \partial \\
\end{array}
\rightarrow
\begin{array}{c}
\cdot \partial \\
\cdot \partial \\
\end{array}
\]

see also photolysis

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**Contributors**

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