A peroxyacid or peroxycarboxylic acid or peracid is a compound that has the following general structural formula.

\[
\begin{align*}
\text{O} & \\
\text{R} & \text{C} \quad \text{O} \quad \text{O} \quad \text{H}
\end{align*}
\]

R could be an alkyl group or an aryl group.

eg:

Peroxy acids are oxidizing agents, used mainly to oxidize alkenes and ketones.

Contributors

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