carbonyl oxides

**Synonym:** peroxo compounds

1,3 Dipolar compounds having the structure

\[
\begin{array}{c}
\text{R} \quad \text{O} \\
\text{C} = \quad \text{O} \\
\text{R} \\
\end{array}
\quad \longleftrightarrow \quad
\begin{array}{c}
\text{R} \quad \text{O} \\
\text{C} = \quad \text{O} \\
\text{R} \\
\end{array}
\]

. Also called peroxo compounds.

**See also:** oxonium ylides (2)

**Source:**
PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1325