

ketyls

Radical anions (or the corresponding salts) derived from ketones by addition of an electron $\text{R}_2\text{C}^{\cdot-}\text{O}^- \leftrightarrow \text{R}_2\text{C}^--\text{O}^{\cdot}$.

Note:

Ketyls produce two types of conjugate acids: $\text{R}_2\text{C}^{\cdot-}\text{OH}$ and $\text{R}_2\text{CH}-\text{O}^{\cdot}$. The former are α -hydroxyalkyl radicals and the latter are alkoxy radicals, but they have also been called ketyls in photochemistry.

Source:

PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1346