

ketyls

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

Note:

Ketyls produce two types of conjugate acids: $\text{R}_2\dot{\text{C}}-\text{OH}$ 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.

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