


KONPOSATU ORGANIKOAK OXIGENOAREKIN

$\begin{array}{c} \text{CH}_3-\text{CH}_2-\text{CHOH}-\text{CH}_3 \\ \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \\ \text{Butan-2-ola} \end{array}$ <p style="text-align: right; color: red;">$R-OH$</p>	$\begin{array}{c} \text{CH}_3-\text{CH}-\text{COOH} \\ \text{3} \quad \text{2} \quad \text{1} \\ \\ \text{CH}_3 \end{array}$ <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-OH$</p> <p style="text-align: center; color: blue;">Azido 2-metilpropanoikoa</p>
$\begin{array}{c} \text{CH}_2=\text{CHOH} \\ \text{Etenola} \end{array}$ <p style="text-align: right; color: red;">$R-OH$</p>	$\text{COOH}-\text{CH}_2\text{COOH}$ <p style="text-align: center; color: blue;">Azido propanodioikoa</p>
$\begin{array}{c} \text{CH}_3-\text{COH}-\text{CH}_3 \\ \text{3} \quad \text{2} \quad \text{1} \\ \\ \text{CH}_3 \end{array}$ <p style="text-align: right; color: red;">$R-OH$</p> <p style="text-align: center; color: blue;">2-metilpropan-2-ola</p>	$\begin{array}{c} \text{CH}_3-\text{C}=\text{CH}-\text{COOH} \\ \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \\ \\ \text{CH}_3 \end{array}$ <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-OH$</p> <p style="text-align: center; color: blue;">Azido 3-metilbut-2-enoikoa</p>
<p>Hexan-2-ola</p> $\text{}^1\text{CH}_3-\text{}^2\underset{\text{OH}}{\text{C}}\text{H}-\text{}^3\text{CH}_2-\text{}^4\text{CH}_2-\text{}^5\text{CH}_2-\text{}^6\text{CH}_3$ <p style="text-align: right; color: red;">$R-OH$</p>	<p>Azido etanodioikoa</p> $\text{HOOC}-\text{COOH}$
<p>Etilpropileterra</p> <p style="text-align: right; color: red;">$R-O-R'$</p> $\text{CH}_3-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_3$	<p>Azido hex-4-enoikoa</p> $\text{CH}_3-\text{CH}=\text{CH}-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$
<p>Dietil eterra</p> <p style="text-align: right; color: red;">$R-O-R'$</p> $\text{CH}_3-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_3$	<p>$\text{H}-\text{COO}-\text{CH}_3$</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-O-R'$</p> <p style="text-align: center; color: blue;">Metil metanoatoa</p>
 $\text{-O-CH}_2-\text{CH}_3$ <p style="text-align: right; color: red;">$R-O-R'$</p> <p style="text-align: center; color: blue;">Etil ziklopropil eterra</p>	<p>$\text{CH}_3-\text{COO}-\text{CH}_2-\text{CH}_3$</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-O-R'$</p> <p style="text-align: center; color: blue;">Etil etanoatoa</p>
$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \\ \quad \\ \text{CH}_3-\text{CH}-\text{O}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}$ <p style="text-align: right; color: red;">$R-O-R'$</p> <p style="text-align: center; color: blue;">Terk-butil isopropileterra</p>	<p>$\text{CH}_3-\text{COO}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-O-R'$</p> <p style="text-align: center; color: blue;">Butiletanoatoa</p>
<p>HCHO</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-H$</p> <p style="text-align: center; color: blue;">Metanala / Formaldehidaa</p>	<p>$\text{CH}_2=\text{CH}-\text{CH}_2-\text{COO}-\text{CH}_2-\text{CH}_2-\text{CH}_3$</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-O-R'$</p> <p style="text-align: center; color: blue;">Propil but-3-enoatoa</p>
$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3-\text{CH}-\text{CH}_2-\text{CHO} \\ \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \end{array}$ <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-H$</p> <p style="text-align: center; color: blue;">3-metilbutanala</p>	<p>Etil metanoatoa</p> $\text{H}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{CH}_2-\text{CH}_3$
<p>Pentanala</p> $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$	<p>Propil azetatoa (etanoatoa)</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-O-R'$</p> $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_3$
<p>Butanodiala</p> $\text{H}-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$	<p>$\text{CH}_3-\text{CH}_2-\text{CO}-\text{CH}_2-\text{CH}_3$</p> <p style="text-align: right; color: red;">$R-\overset{\text{O}}{\parallel}{\text{C}}-R'$</p> <p style="text-align: center; color: blue;">Butan-3-ona</p>

KONPOSATU ORGANIKOAK OXIGENOAREKIN

$\begin{array}{c} \text{CH} \equiv \text{C} - \text{CH}_2 - \text{CHO} \\ \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \end{array}$ <p style="text-align: right;">$\text{R}-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$</p> <p style="text-align: center;">But-3-inala</p>	$\text{CH}_3 \quad \text{3-metilbutan-2-ona} \quad \text{R}-\overset{\text{O}}{\parallel}{\text{C}}-\text{R}'$ $\begin{array}{c} \text{4} \quad \quad \text{3} \quad \text{2} \quad \text{1} \\ \text{CH}_3 - \text{CH} - \text{CO} - \text{CH}_3 \end{array}$
$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{CO} - \text{CH}_3 \\ \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \end{array}$ <p style="text-align: right;">$\text{R}-\overset{\text{O}}{\parallel}{\text{C}}-\text{R}'$</p> <p style="text-align: center;">But-3-en-2-ona</p>	$\begin{array}{c} \text{4} \quad \text{3} \quad \text{2} \quad \text{1} \\ \text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_3 \\ \text{1} \quad \text{2} \quad \text{3} \quad \text{4} \quad \text{5} \end{array}$ <p style="text-align: right;">$\text{R}-\overset{\text{O}}{\parallel}{\text{C}}-\text{R}'$</p> <p style="text-align: center;">Pentano-2,4-diona</p>
<p>Hexan-2-ona</p> $\text{4} \quad \text{CH}_3 - \overset{\text{O}}{\parallel}{\text{C}} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	<p>Hexan-2,5-diona</p> $\text{4} \quad \text{CH}_3 - \overset{\text{O}}{\parallel}{\text{C}} - \text{CH}_2 - \text{CH}_2 - \overset{\text{O}}{\parallel}{\text{C}} - \text{CH}_3$