

## Rote Folie: Schreibweise von Formeln

Name	Summenformel	Strukturformel 1	Strukturformel 2
Butan	$C_4H_{10}$	$CH_3-CH_2-CH_2-CH_3$	<pre>       H  H  H  H                  H - C - C - C - C - H                        H  H  H  H           </pre>
Ethan	$C_2H_6$	$CH_3-CH_3$	<pre>       H  H            H - C - C - H                  H  H           </pre>
1-Buten	$C_4H_8$	$CH_3-CH_2-CH=CH_2$	<pre>           H  H                      H   C = C - C - C - H        \ /                   H     H  H  H           </pre>
Ethanol	$C_2H_5OH$	$CH_3-CH_2-OH$	<pre>       H  H            H - C - C - OH                  H  H           </pre>
2-Methylbutan	$C_5H_{12}$	$CH_3-CH-CH_2-CH_3$   $CH_3$	<pre>       H  H  H  H                  H - C - C - C - C - H                        H  CH<sub>3</sub> H  H           </pre>
Butanal	$C_4H_8O$	$CH_3-CH_2-CH_2-CHO$	<pre>       H  H  H               H - C - C - C - C = O                        H  H  H  H           </pre>
Butansäure	$C_3H_7COOH$	$CH_3-CH_2-CH_2-COOH$	<pre>       H  H  H               H - C - C - C - C = O                        H  H  H  OH           </pre>
Ethin	$C_2H_2$	$CH \equiv CH$	$H - C \equiv C - H$