

Die Kohlenwasserstoffe

Arbeitsblatt Basis Æ Lösung

 1. Verbinde: Name . Summenformel . Strukturformel.

Name	Summenformel	Strukturformel
Methan	C_2H_6	<pre> H H H H H-C-C-C-C-H H H H H </pre>
Ethan	C_6H_{14}	<pre> H H H-C-C-H H H </pre>
Propan	C_8H_{18}	<pre> H H H H H H H H H-C-C-C-C-C-C-C-H H H H H H H H H </pre>
Butan	CH_4	<pre> H H H H H H-C-C-C-C-C-H H H H H H </pre>
Pentan	C_4H_{10}	<pre> H H-C-H H </pre>
Hexan	C_7H_{16}	<pre> H H H H H H H H H-C-C-C-C-C-C-C-H H H H H H H H H </pre>
Heptan	C_3H_8	<pre> H H H H H H H-C-C-C-C-C-C-H H H H H H H </pre>
Octan	C_5H_{12}	<pre> H H H H-C-C-C-H H H H </pre>

 2. Woran erkennt man ð

ð Alkane: _____

ð Alkene: _____

ð Alkine: _____
