

Sumární a strukturní vzorce uhlovodíků (2)

Název	Sumární vzorec	Strukturní vzorec
But-1-yn	C₄H₆	$ \begin{array}{ccccccc} & & & & \text{H} & \text{H} & \\ & & & & & & \\ \text{H} & - & \text{C} \equiv & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & \\ & & & & \text{H} & \text{H} & \end{array} $
Pent-2-yn	C₅H₈	$ \begin{array}{ccccccc} & \text{H} & & & \text{H} & \text{H} & \\ & & & & & & \\ \text{H} & - & \text{C} & - & \text{C} \equiv & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & & \\ & \text{H} & & & & \text{H} & \text{H} & \end{array} $
Hexan	C₆H₁₄	$ \begin{array}{ccccccc} \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \\ & & & & & & \\ \text{H} - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & \\ \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \end{array} $
Heptan	C₇H₁₆	$ \begin{array}{ccccccc} \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\ & & & & & & \\ \text{H} - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & \\ \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \end{array} $
Buta-1,3-dien	C₄H₆	$ \begin{array}{ccccccc} & \text{H} & & & \text{H} & & \text{H} \\ & & & & & & \\ & \text{C} = & \text{C} & - & \text{C} = & \text{C} & \\ & & & & & & \\ & \text{H} & & & \text{H} & & \text{H} \end{array} $
Penta-1,3-dien	C₅H₈	$ \begin{array}{ccccccc} & \text{H} & \text{H} & & \text{H} & & \text{H} \\ & & & & & & \\ & \text{C} = & \text{C} & - & \text{C} = & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & & \\ & \text{H} & & & & \text{H} & \text{H} & \end{array} $
Hex-1-en	C₆H₁₂	$ \begin{array}{ccccccc} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\ & & & & & & \\ & \text{C} = & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & & \\ & \text{H} & & & \text{H} & \text{H} & \text{H} & \text{H} \end{array} $
Cyklopentan	C₅H₁₀	$ \begin{array}{ccccccc} & & \text{H} & & \text{H} & & \text{H} \\ & & & & & & \\ & & \text{C} & - & \text{C} & & \\ & \text{H} & & & & \text{H} & \\ & & & & & & \\ & \text{C} & - & \text{C} & - & \text{C} & \\ & & & & & & \\ & \text{H} & & & \text{H} & & \text{H} \end{array} $
Hex-2-en	C₆H₁₂	$ \begin{array}{ccccccc} & \text{H} & \text{H} & & \text{H} & \text{H} & \text{H} \\ & & & & & & \\ \text{H} - & \text{C} & - & \text{C} = & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & & \\ & \text{H} & & & \text{H} & \text{H} & \text{H} & \end{array} $

Sumární a strukturní vzorce uhlovodíků (2)

Hex-3-en	C_6H_{12}	$ \begin{array}{ccccccc} & H & H & & H & H & H \\ & & & & & & \\ H & - C & - C & - C = C & - C & - C & - H \\ & & & & & & \\ & H & H & H & & H & H \end{array} $
Oktan	C_8H_{18}	$ \begin{array}{cccccccc} & H & H & H & H & H & H & H \\ & & & & & & & \\ H & - C & - C & - C & - C & - C & - C & - C - H \\ & & & & & & & \\ & H & H & H & H & H & H & H \end{array} $
Hex-1-yn	C_6H_{10}	$ \begin{array}{ccccccc} & & & H & H & H & H \\ & & & & & & \\ H & - C \equiv C & - C & - C & - C & - C & - H \\ & & & & & & \\ & & & H & H & H & H \end{array} $
Hex-2-yn	C_6H_{10}	$ \begin{array}{ccccccc} & H & & & H & H & H \\ & & & & & & \\ H & - C & - C \equiv C & - C & - C & - C & - H \\ & & & & & & \\ & H & & & H & H & H \end{array} $
Nonan	C_9H_{20}	$ \begin{array}{cccccccc} & H & H & H & H & H & H & H & H \\ & & & & & & & & \\ H & - C & - C & - C & - C & - C & - C & - C & - C - H \\ & & & & & & & & \\ & H & H & H & H & H & H & H & H \end{array} $
Hex-3-yn	C_6H_{10}	$ \begin{array}{ccccccc} & H & H & & & H & H \\ & & & & & & \\ H & - C & - C & - C \equiv C & - C & - C & - H \\ & & & & & & \\ & H & H & & & H & H \end{array} $
Hexa-1,3-dien	C_6H_{10}	$ \begin{array}{ccccccc} & & H & H & & H & H \\ & & & & & & \\ H & & C = C & - C = C & - C & - C & - H \\ & & & & & & \\ & & H & & & H & H \end{array} $
Hexa-1,4-dien	C_6H_{10}	$ \begin{array}{ccccccc} & & H & H & & H & H \\ & & & & & & \\ H & & C = C & - C & - C = C & - C & - H \\ & & & & & & \\ & & H & & & H & H \end{array} $
Dekan	$C_{10}H_{22}$	$ \begin{array}{cccccccc} & H & H & H & H & H & H & H & H & H \\ & & & & & & & & & \\ H & - C & - C & - C & - C & - C & - C & - C & - C & - C - H \\ & & & & & & & & & \\ & H & H & H & H & H & H & H & H & H \end{array} $