





názov	vzorec	jednoväzbová skupina	vzorec
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ALKÁNY

ALKYLY

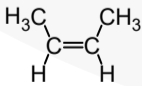
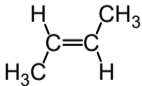
metán	CH ₄		metyl-	CH ₃ -	
etán	CH ₃ -CH ₃	C ₂ H ₆	etyl-	CH ₃ -CH ₂ -	C ₂ H ₅ -
propán	CH ₃ -CH ₂ -CH ₃	C ₃ H ₈	propyl-	CH ₃ -CH ₂ -CH ₂ -	C ₃ H ₇ -
			izopropyl-	CH ₃ -CH-CH ₃	C ₃ H ₇ -
bután	CH ₃ -(CH ₂) ₂ -CH ₃	C ₄ H ₁₀	butyl-	CH ₃ -(CH ₂) ₂ -CH ₂ -	C ₄ H ₉ -
pentán	CH ₃ -(CH ₂) ₃ -CH ₃	C ₅ H ₁₂			
hexán	CH ₃ -(CH ₂) ₄ -CH ₃	C ₆ H ₁₄			
heptán	CH ₃ -(CH ₂) ₅ -CH ₃	C ₇ H ₁₆			
oktán	CH ₃ -(CH ₂) ₆ -CH ₃	C ₈ H ₁₈			
nonán	CH ₃ -(CH ₂) ₇ -CH ₃	C ₉ H ₂₀			
dekán	CH ₃ -(CH ₂) ₈ -CH ₃	C ₁₀ H ₂₂			

CYKLOALKÁNY


cyklopropán		C ₃ H ₆		
cyklobután		C ₄ H ₈		
cyklopentán		C ₅ H ₁₀		
cyklohexán		C ₆ H ₁₂		

ALKÉNY

ALKENYLY

etén (etylén)	CH ₂ =CH ₂	C ₂ H ₄	vinyl-	CH ₂ =CH-
propén (propylén)	CH ₂ =CH-CH ₃	C ₃ H ₆		
but-1-én	CH ₂ =CH-CH ₂ -CH ₃	C ₄ H ₈		
cis-but-2-én		C ₄ H ₈		
trans-but-2-én		C ₄ H ₈		
pent-1-én	CH ₂ =CH-(CH ₂) ₂ -CH ₃	C ₅ H ₁₀		
hex-1-én	CH ₂ =CH-(CH ₂) ₃ -CH ₃	C ₆ H ₁₂		

CYKLOALKÉNY

cyklohexén		C ₆ H ₁₀		
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názov	vzorec	jednoväzbová skupina	vzorec
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ALKADIÉNY

buta-1,3-dién	$\text{CH}_2=\text{CH}-\text{CH}=\text{CH}_2$	C_4H_6	
izoprén (2-methylbuta-1,3-dién)	$\text{CH}_2=\underset{\text{CH}_3}{\text{C}}-\text{CH}=\text{CH}_2$	C_5H_8	


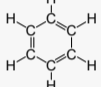

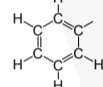
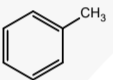
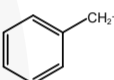
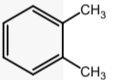
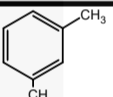
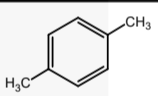
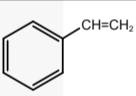
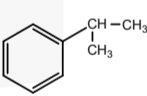
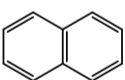
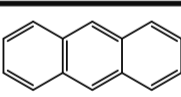
ALKÍNY

ALKINYLY

etín (acetylén)	$\text{CH}\equiv\text{CH}$	C_2H_2	etynyl-	$\text{CH}\equiv\text{C}-$
propín	$\text{CH}\equiv\text{C}-\text{CH}_3$	C_3H_4		
but-1-ín	$\text{CH}\equiv\text{C}-\text{CH}_2-\text{CH}_3$	C_4H_6		
pent-1-ín	$\text{CH}\equiv\text{C}-(\text{CH}_2)_2-\text{CH}_3$	C_5H_8		
hex-1-ín	$\text{CH}\equiv\text{C}-(\text{CH}_2)_3-\text{CH}_3$	C_6H_{10}		

AROMATICKÉ UHĽOVODÍKY (ARÉNY)

JEDNOVÄZBOVÉ SKUPINY

benzén	 	C_6H_6	fenyl- (<i>patrí medzi arily</i>)	 	C_6H_5-
toluén (methylbenzén)			benzyl- (<i>patrí medzi alkyly</i>)		
o-xylén (1,2-dimetylbenzén)					
m-xylén (1,3-dimetylbenzén)					
p-xylén (1,4-dimetylbenzén)					
styrén (vinylbenzén)					
kumén (izopropylbenzén)					
naftalén					
antracén					
fenantrén	