

IUPAC Nomenclature Quiz



Here are 15 "Fill in the Blank" questions related to IUPAC nomenclature for organic compounds, which you can use as a quiz:

1. The IUPAC name of the compound $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ is _____.
2. CH_4 is known as _____ in common nomenclature.
3. The root word for a six-carbon chain in IUPAC nomenclature is _____.
4. The suffix used for aldehydes in IUPAC nomenclature is _____.
5. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Cl}$ is _____.
6. The functional group $-\text{OH}$ in alcohols has the suffix _____ in IUPAC nomenclature.
7. The IUPAC name of $\text{CH}_3(\text{CH}_2)_4\text{COOH}$ is _____.
8. The prefix used for a methyl group ($-\text{CH}_3$) attached to the main chain is _____.
9. The IUPAC name of $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}=\text{CH}_2$ is _____.
10. The compound CH_3COOH is known as _____ acid in IUPAC nomenclature.
11. The suffix for a ketone group ($-\text{CO}-$) in IUPAC is _____.
12. In IUPAC nomenclature, the longest continuous chain of carbon atoms is called the _____.
13. The prefix for a two-carbon alkyl group in IUPAC is _____.
14. The IUPAC name for $\text{CH}_3\text{CH}_2\text{OCH}_3$ is _____.
15. A cyclic compound with six carbons and one double bond is named _____.

These questions cover a variety of basic concepts in IUPAC nomenclature including alkanes, functional groups, and more. If you need the key or answers, I can assist with that as well.