EDUCHEMICAL

Decode the IUPAC nomenclature and generate the hydrocarbon structure in 1 click!

Get Started

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IUPAC Naming for Structural Formulae
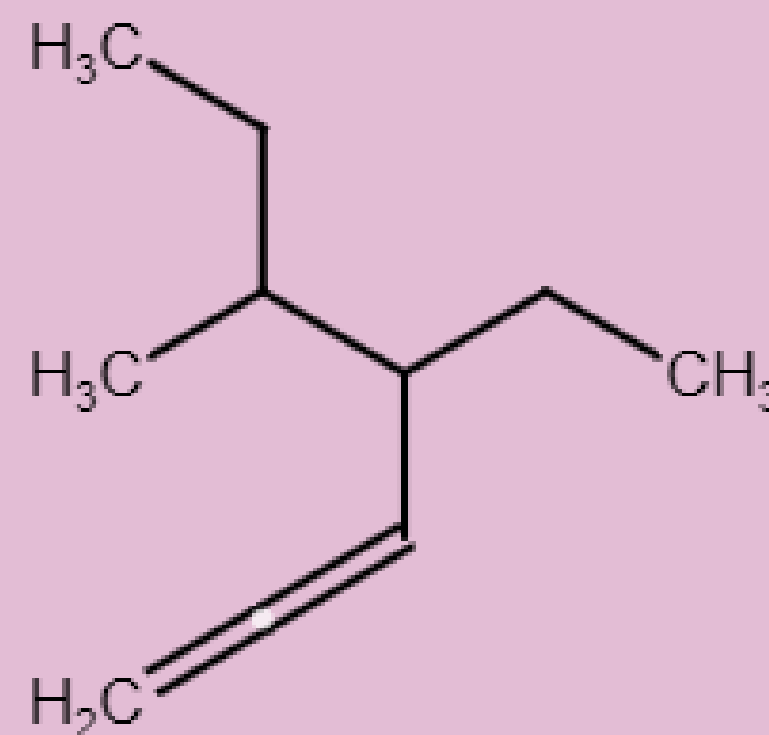
Instructions to use

IUPAC Naming for Structural Formulae

Enter your compound name here 🔍

Example Name: 4-ethyl-5-methyl-1,2-heptadiene

Output Page

4-ethyl-5-methyl-1,2-heptadiene

Start Again

About

Working with chemical compounds is a tedious process process. It is difficult for students, researchers and people in the industry working in the field of organic chemistry to memorize the structure of all the hydrocarbons. Referring to books and other resources may take time as well.

Educhemical aims to provide this platform to aid student and researchers to get the hydrocarbon structures in just 1 click! The structual formula gets displayed on entering the names of straight chain compounds hydrocarbons!

Get Started

Instructions to Use

This program can be used to determine the schematic structure of an organic compound. Due to limitations in size, only straight chain compounds with a max of 10 carbons in the main chain are supported.

1. The first letter of the wordroot should be in uppercase.
2. The first letters of alkyl groups should be in lowercase.
3. The first letters of prefix functional groups and halogen should be in uppercase.
4. Functional group prefix should only be used if a functional group suffix has been used first.
5. The positions of alkyl groups, halogens and functional groups should be specified with '-' and ',' as per IUPAC rules

Example of compound name:: 4-ethyl-5-methyl-1,2-heptadiene

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