

命名法 練習問題

1. 次の化合物の構造式を描きなさい。

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| (1) 2,4,4-trimethyl-2-pentene | (2) 2-methyl-1-butene |
| (3) 1,5-hexadiene | (4) 1,2-dimethyl-1-cyclobutene |
| (5) 3-ethyl-1-hexene | (6) 4-ethyl-2,4-dimethyl-1-heptene |
| (7) 4-chlorobenzenecarboxylic acid | (8) 1-cyclohexyl-2,2-dimethyl-1-propanone |
| (9) 1-methylpropyl 4-methylpentanoate | (10) ethyl 2-cyclobutenecarboxylate |
| (11) 4-methoxy-2-butenic acid | (12) <i>N</i> -methyl- <i>N</i> -phenylethanamide |
| (13) 2,4,6-trichlorononanenitrile | (14) 2,2-dimethylpropanoic acid |
| (15) 4-methyl-2-cyclohexenone | (16) 4-methoxy-2-methyl-2-hexene |
| (17) 3-phenylbutanamide | (18) 2-phenylethanol |
| (19) 4-oxaheptane | (20) 3-oxobutanoic acid |
| (21) 2-bromo-1-hydroxyl-4-methylbenzene | (22) 4-hydroxy-2-pentenoic acid |
| (23) <i>N</i> ,3,3-trimethylbutanamide | (24) 6-methyl-1,3,5-heptatriene |
| (25) 4-cyano-4-ethylheptanoic acid | (26) 3,4-dibromo-4-ethylcyclohexanone |
| (27) 4,4-dimethyl-2,5-cyclohexadienone | (28) 3-chloro-4-cyclopropyl-1,2-cyclobutanediol |
| (29) 5,6-diethyl-3,3,7-trimethyl-2-nonanol | (30) 3-(4-chlorobutyl)-1,4-pentanediol |

2. 次の化合物を IUPAC 命名法で命名せよ。



