問1 次の化学英語を和訳せよ。

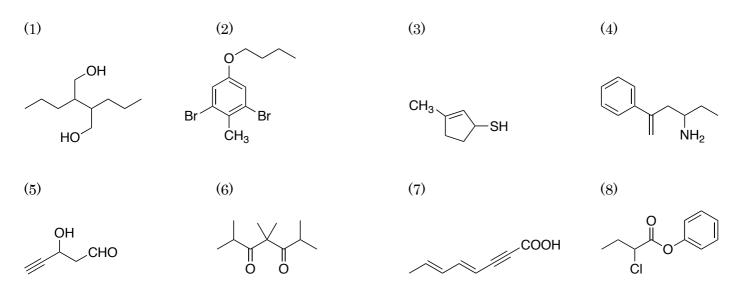
- (1) reflux
 - (2) product
- (3) sulfide
- (4) polar
- (5) resonance structure

- (6) recrystallization (7) reaction
- (8) molecule
- (9) stopper
- (10) reactivity

問 2 次の英文を和訳せよ。

- (1) Carbon can bond to fewer than four atoms by forming one or more multiple bonds.
- (2)Note that each carbon in ethylene is bonded to three atoms (one carbon and two hydrogens) but can bond to one additional atom after one bond of the carbon-carbon double bond is broken.
- (3)The chains in normal alkanes are not really straight but zig-zag, because the tetrahedral C-C-C angle is 109.5° .
- (4) The alkane with six carbon atoms can be written as CH₃CH₂CH₂CH₂CH₂CH₃ which can be condensed to CH₃-(CH₂)₄-CH₃.
- (5)Notice that the molecule contains fourteen hydrogen atoms in addition to the six carbon atoms.

次の化合物を英語で命名せよ。ただし、特性基が主基となるための順位は、カルボン酸>エステル>アルデ 間3 ヒド>ケトン>アルコール>チオール>アミンの順である。



問4 次の名前の化合物の構造を記せ。

2-[(3-ethylcyclohex-1-enyl)sulfanyl]-7-(2-fluorohex-2-en-4-ynyl)-1-[4-(1-methylethyl)hex-5-enyl]naphthalene