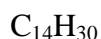


Capitolo Due

Problemi da svolgere del testo H. Hart, L. Craine, D. Hart
CHIMICA ORGANICA 5^a edizione

a cura di **Antonio Coviello**

Problema 2.1



Problema 2.2

b. – d.

Problema 2.3

- a. 2-metilbutano
- b. 2-metilbutano
- c. 2,2-dimetilpropano

Problema 2.4

clorofluorometano

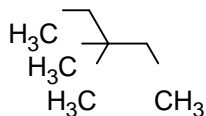
Problema 2.5

- a. $\text{CH}_3\text{-I}$
- b. $(\text{CH}_3)_2\text{CH-I}$
- c. $\text{CH}_3\text{-CHCl-CH}_3$
- d. $(\text{CH}_3)_3\text{C-I}$
- e. $(\text{CH}_3)_2\text{CH-Br}$
- f. $\text{C}_n\text{H}_{2n+1}\text{F}$

Problema 2.6

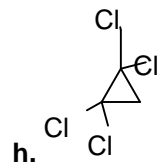
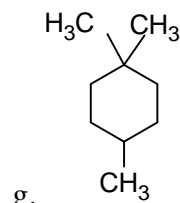
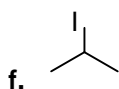
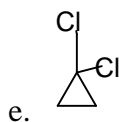
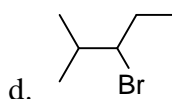
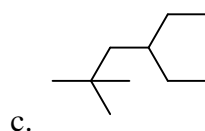
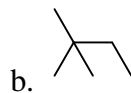
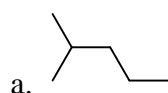
- a. 2-fluoropropano
- b. 4-cloro-2,2-dimetilpentano

Problema 2.7



Problema 2.8

1,3-dimetilbutano rappresenta una struttura in cui è possibile individuare una catena di 5 atomi di carbonio che darebbe origine al nome di pentano come idrocarburo di riferimento.

Problema 2.26**Problema 2.27**

- butano
- 3-metilpentano
- 2,2-dimetilpentano
- ciclopropano
- 2-fluorobutano
- 1,1,1-tribromo-2,2-dicloropropano
- 2-cloro-2metilpropano
- bromometano
- 1,2-dicloroetano
- 3,3-dietilpentano

Problema 2.28

- | | |
|---------------------------|------------------------|
| a. Fluoruro di metile | fluorometano |
| b. Bromuro di etile | bromoetano |
| c. Cloruro di metilene | diclorometano |
| d. Iodoformio | triiodometano |
| e. Bromuro di isopropile | 2-bromo-2-metilpropano |
| f. Ioduro di n-propile | 1-iodopropano |
| g. Cloruro di ter-butile | 2-cloro-2-metilpropano |
| h. Bromuro di ciclobutile | 1-bromociclobutano |
| i. Fluoruro di sec-butile | 2-fluorobutano |

Problema 2.29

- pentano
- 3-metilpentano
- 1,2-dibromopropano
- 1,2-dimetilciclopropano
- 1-cloro-2metilbutano
- 2,4-dimetilesano