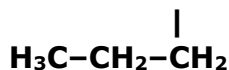


Solucionari – Activitats. pàg. 364 act. 34g)-o), 37c)-g) i k)-o), 39 i 41 (1. A 16.)

34. Relaciona cadascuna de les fórmules següents amb el nom respectiu.

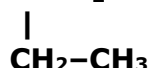
g) $\text{H}_3\text{C}-\text{CO}-\text{CH}-\text{CO}-\text{CH}_3$: 3-propilpentan-2,4-diona



h) $\text{OHC}-\text{CH}_2-\text{CH}=\text{CH}-\text{H}_2\text{C}-\text{C}\equiv\text{C}-\text{CH}_2-\text{CH}_3$: non-3-en-6-inal



i) $\text{OHC}-\text{CH}_2-\text{CH}-\text{CH}-\text{CH}_2-\text{CH}_3$: 3,4-dietilheptanal



j) $\text{OHC}-\text{C}=\text{CH}-\text{CH}_2-\text{CHO}$: 2-metil-2-pentendial



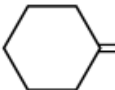
k) $\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{CHO}$: butanal

l) $\text{H}_3\text{C}-\text{CO}-\text{CH}_2-\text{CO}-\text{CH}_2-\text{CO}-\text{CH}_3$: 2,4,6-heptantriona

m) $\text{H}_3\text{C}-\text{CH}_2-\text{CO}-\text{CH}-\text{CH}_3$: 2-metil-3-pentanona

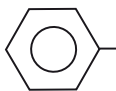


n) $\text{H}_3\text{C}-\text{CO}-\text{CH}_2-\text{CO}-\text{CH}_3$: 2,4-pentandiona

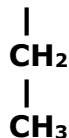
o)  O : ciclohexanona

37. Anomena els compostos següents:

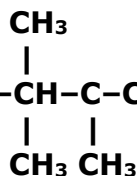
a) CH_3OH : metanol

b)  NH_2 : anilina, fenilamina

c) $\text{H}_3\text{C}-\text{CH}-\text{CH}_2\text{NH}_2$: 2-metilbutanamina



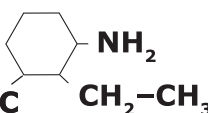
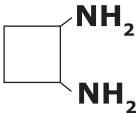
d) $\text{H}_3\text{C}-\text{CH}-\text{C}-\text{CONH}_2$: 2,2,3-trimetilbutanamida



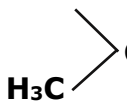
e) $\text{H}_3\text{C}-\text{CH}-\text{CHNH}_2-\text{CH}_3$: 3-metilbutan-2-amina

f) $\text{H}_2\text{C}=\text{CH}-\text{CH}_2\text{OH}$: prop-2-en-1-ol

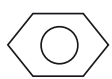
g) $\text{H}_3\text{C}-\text{CH}-\text{CH}-\text{CH}_3$: butan-2,3-diamina

- $$\begin{array}{c} | \quad | \\ \text{NH}_2 \text{ NH}_2 \end{array}$$
- h)**  : 2,3-dietilciclohexan-1-amina
- i)** $\text{H}_3\text{C}-\text{CH}_2\text{NH}_2$: etanamina
- j)**  : 1,2-ciclobutan-1,2-diamina
- k)** $\text{H}_3\text{C}-\text{CH}=\underset{\text{CH}_3}{\text{C}}-\text{CH}_2-\underset{\text{CH}_3}{\text{CH}}-\text{CH}_2\text{NH}_2$: 2,4-dimetilhex-4-en-1-amina
- l)** $\text{H}_3\text{C}-\text{CH}_2-\text{NH}-\text{CH}_2-\text{CH}_3$: *n*-dietildiamina
- m)** $\text{H}_3\text{C}-\underset{\text{CH}_3}{\text{N}}-\text{CH}_3$: trimetilamina
- n)** $\text{H}_3\text{C}-\underset{\text{CH}_3}{\text{CH}}-\text{NH}-\text{CH}_2-\text{CH}_3$: *n*-etilisopropilamina
- o)** $\text{CH}_3-\underset{\text{CH}_3}{\text{CH}}-\underset{\text{CH}_3}{\text{CH}}\text{NH}_2$: 1,2-dimetilpropan-1-amina

39. Anomena els compostos següents:

- p)** $\text{H}_2\text{C}=\text{CH}-\text{O}-\text{CH}_3$: èter metil vinílic o metil vinil èter
- q)** $\text{H}_3\text{C}-\text{O}-\text{CH}_3$: èter dimetílic o dimetil èter
- r)** $\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_3$: èter etil propílic o etil propil èter
- s)** H_3C  $\text{CH}-\text{O}-\text{CH}_2-\text{CH}_3$: èter etil isopropílic o etil isopropil èter
- t)** $\text{H}_3\text{C}-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$: èter etil pentílic o etil pentil èter
- u)**  $-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_3$: èter fenil propílic o fenil propil èter

41. Formula les substàncies següents:

- àcid benzoic:**  COOH
- benzè:** 
- ciclopentà:** 
- formaldehid:** HCOH
- 1,2-diclorobutà:** $\text{CH}_2\text{Cl}-\text{CHCl}-\text{CH}_2-\text{CH}_3$
- trimetilamina:** $\text{H}_3\text{C}-\underset{|}{\text{N}}-\text{CH}_3$



7. **1-butanol:** $\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{CH}_2\text{OH}$

8. **toluè:**  CH_3

9. **àcid 2-butendioic:** $\text{HOOC}-\text{CH}=\text{CH}-\text{COOH}$

10. **1,2-etandiol:** $\text{CH}_2\text{OH}-\text{CH}_2\text{OH}$

11. **etanol:** $\text{H}_3\text{C}-\text{CH}_2\text{OH}$

12. **metanol:** CH_3OH

13. **propanona:** $\text{H}_3\text{C}-\text{CO}-\text{CH}_3$

14. **1,2-butandiamina:** $\text{CH}_2\text{NH}_2-\text{CHNH}_2-\text{CH}_2-\text{CH}_3$

15. **3-hexenal:** $\text{H}_3\text{C}-\text{CH}_2-\text{HC}=\text{HC}-\text{H}_2\text{C}-\text{CHO}$

16. **àcid 3-hidroxipentanoic:** $\text{H}_3\text{C}-\text{CH}_2-\text{CHOH}-\text{CH}_2-\text{COOH}$