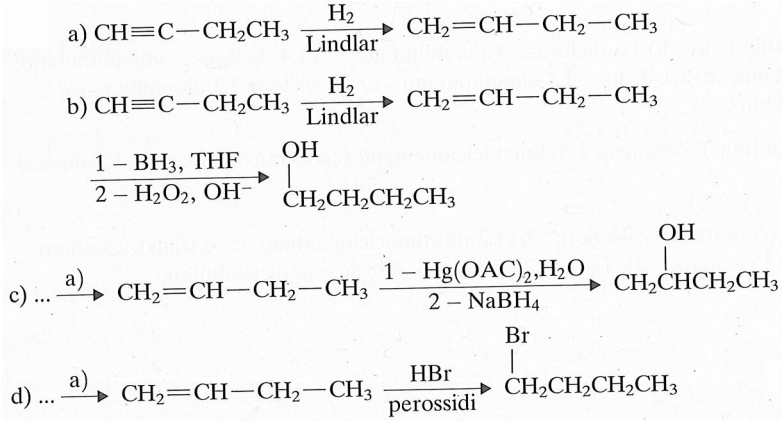
Giuseppe Valitutti – Gabriella Fornari – Maria Teresa Gando
Chimica organica, biochimica e laboratorio
Soluzioni degli esercizi del testo

Capitolo 4

4.24



4.25 d) è falsa.

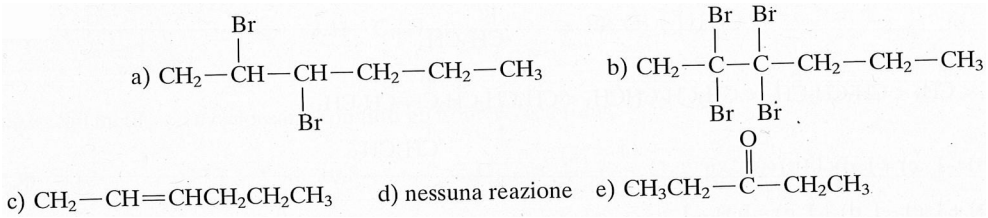
4.26 a); c); e).

4.27 b) è falsa.

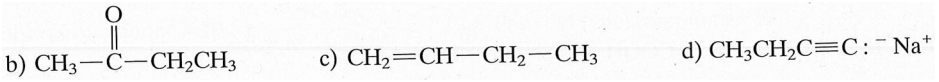
4.28 (1) < (4) < (3) < (2)

4.29 a) $HgSO_4$, H_2O, H_2SO_4; b) H_2, Lindlar; c) 1- BH_3, THF; 2- H_2O_2, OH^-; d) 1- Br_2, CCl_4; 2- 2KOH, etanolo.

4.30



4.31



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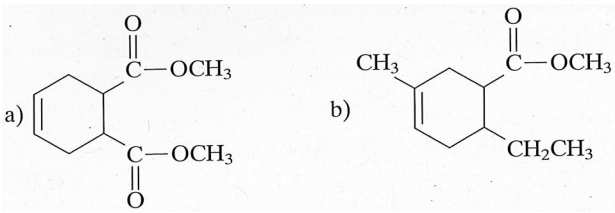
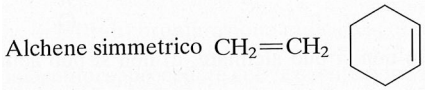
4.32

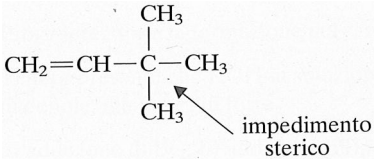


4.33 Per le forme risonanti.

4.34



4.35



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