

כימיה אורגנית

פרק 4 - (Alkenes, Alkynes (Unsaturated hydrocarbons

תוכן העניינים

1. כללי 1

אלקנים, תכונות ותגובות:

שאלות:

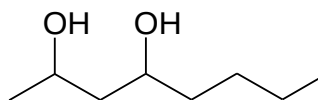
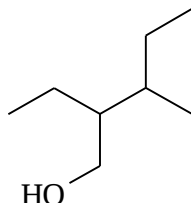
(1) ציירו את המבנים הבאים:

א. tert-butyl alcohol

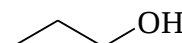
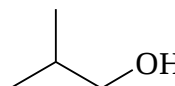
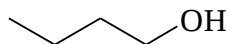
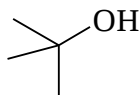
ב. 4-methyl-3-hexanol

ג. (1S, 3R)-3-methylcyclohexanol

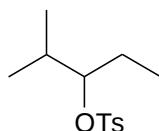
(2) תנו שמות לפי IUPAC לחומרים הבאים:



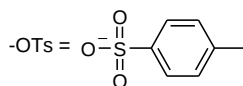
(3) סדר תרכובות לפי טמפרטורת רתיחה.



(4) תאר את השלבים בסינטזה הבאה:

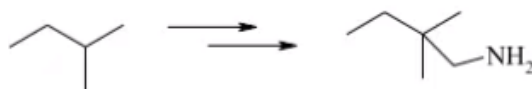


2-methyl-2-pentene (80%) +
4-methyl-2-pentene (11%) +
2-methyl-1-pentene (9%)

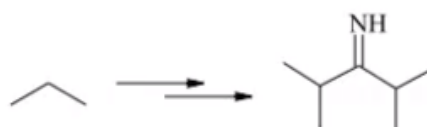


5) הצע דרך לקבל את החומרים הבאים :

א.



ב.



ג.

