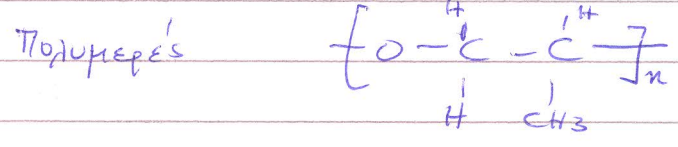
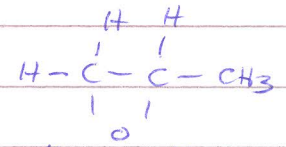


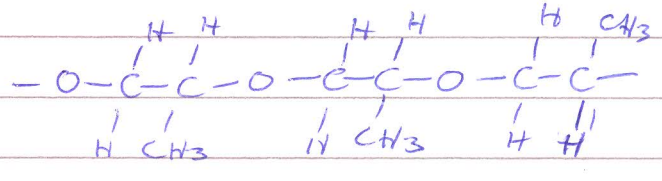
Στεροϊσομερισμός

- Ατακτικός (Dorn) Τυχασία διευθέτησης μη-συνφερικών ομάδων.
- Ισοτακτικός Ομάδες συνίδια πλευρά αλυσίδας
- Συνδιοτακτικός Εναλλακτική διευθέτηση ομάδων

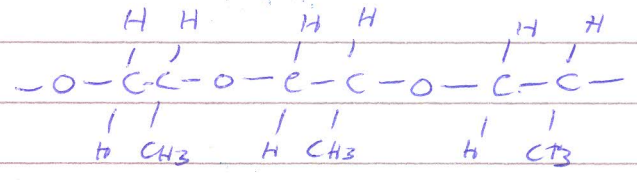
πχ Οξείδιο προπυλαίου



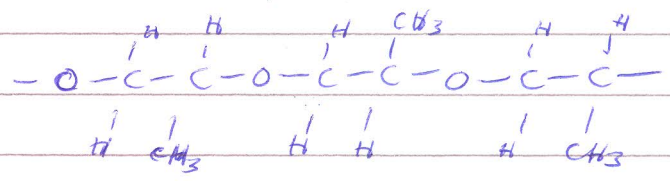
Ατακτικός



Ισοτακτικός



Συνδιοτακτικός



Δεσμοί

Interatomic distance r_m Dissociation energy

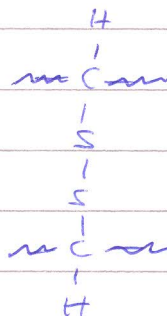
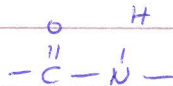
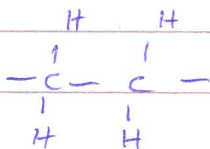
1) Primary Covalent

ομοιοπολικός

$r_m = 1-2 \text{ \AA}$

$-E = 50-200$

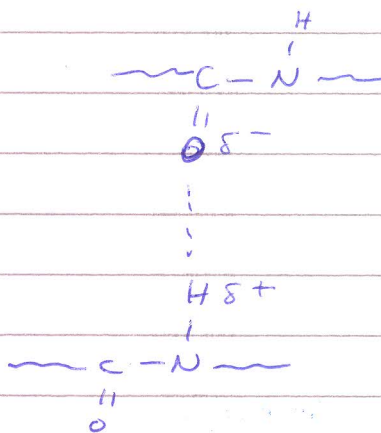
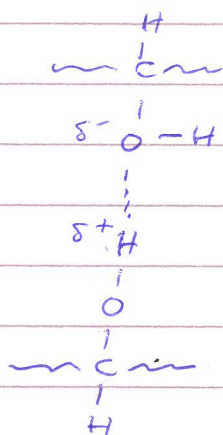
kcal/mol



2) Δεσμός υδρογόνου

$r_m = 2-3 \text{ \AA}$

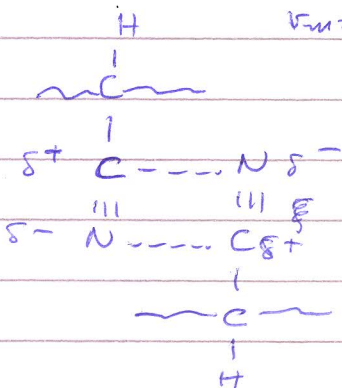
$-E = 3-7$ kcal/mol



3) Διπολική κΑΝΤΕΡΙΣΚΟΝ

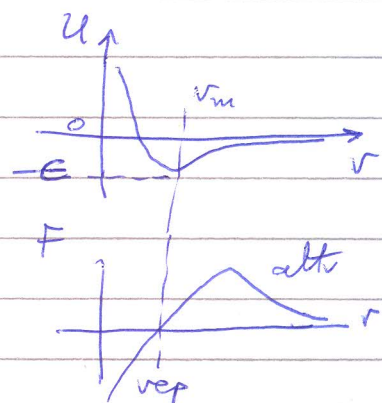
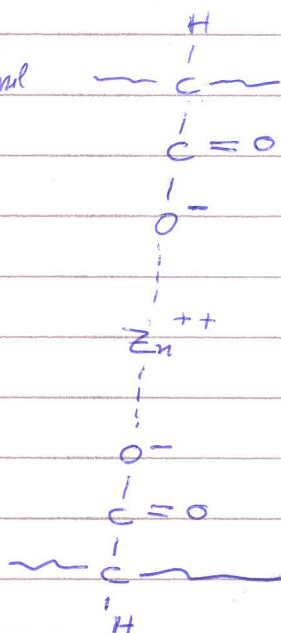
$r_m = 2-3 \text{ \AA}$

$-E = 1.5-3$ kcal/mol



4) Ιοντικός Δεσμός $r_m = 2-3 \text{ \AA}$

$-E = 10-20$ kcal/mol



5) van der Waals $r_m = 3-5 \text{ \AA}$

$-E = 0.5-2$ kcal/mol

