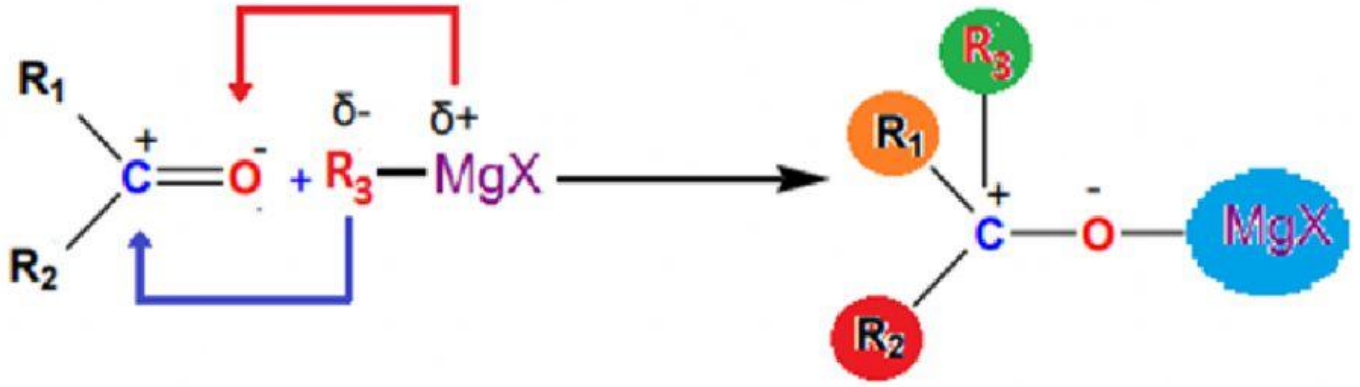
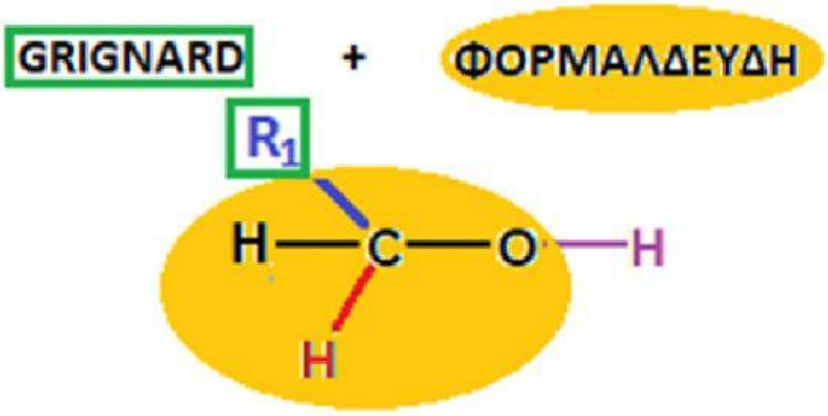
# ΦΥΛΛΟ ΕΡΓΑΣΙΑΣ ΣΤΗΝ ΠΑΡΑΣΚΕΥΗ ΑΛΚΟΟΛΩΝ ΜΕ ΤΗ ΜΕΘΟΔΟ ΑΝΤΙΔΡΑΣΤΗΡΙΩΝ GRIGNARD

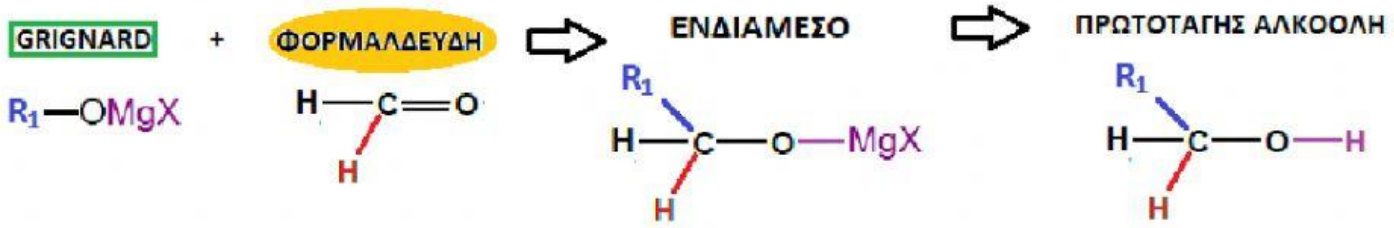
| ΟΝΟΜΑ | ΕΠΙΘΕΤΟ |
|---|---|

## ΜΗΧΑΝΙΣΜΟΣ ΠΡΟΣΘΗΚΗΣ ΣΤΟ ΚΑΡΒΟΝΥΛΙΟ



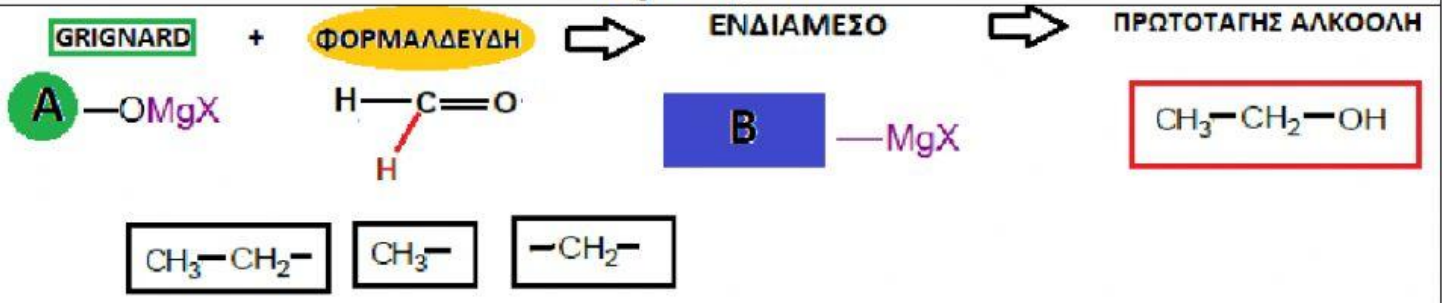

## ΠΑΡΑΣΚΕΥΗ ΠΡΩΤΟΤΑΓΩΝ ΑΛΚΟΟΛΩΝ



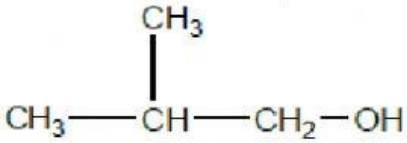



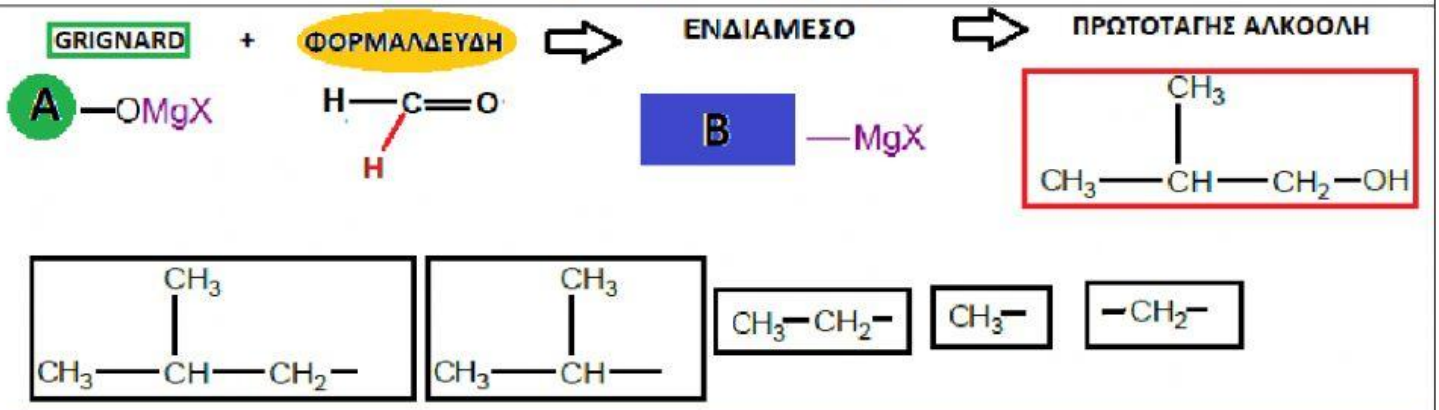

**Παρασκευή**

$CH_3-CH_2-OH$



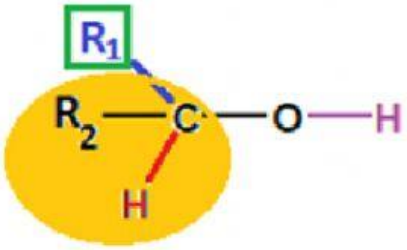
**Παρασκευή**

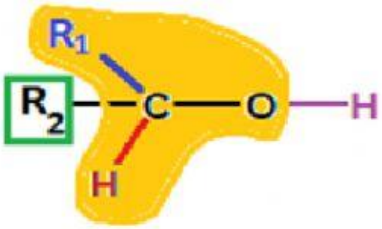
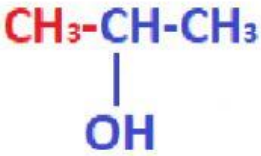
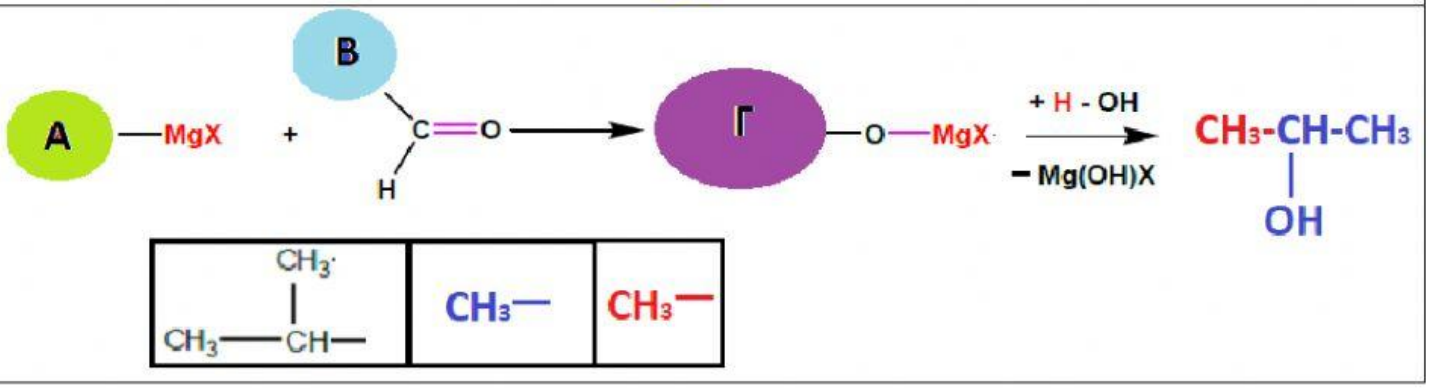





## ΠΑΡΑΣΚΕΥΗ ΔΕΥΤΕΡΟΤΑΓΩΝ ΑΛΚΟΟΛΩΝ

| Α ΤΡΟΠΟΣ | Β ΤΡΟΠΟΣ |
|---|---|
| GRIGNARD + ΑΛΔΕΥΔΗ | GRIGNARD + ΑΛΔΕΥΔΗ |





**Παρασκευή**