



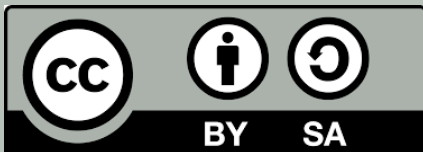
ΠΑΝΕΠΙΣΤΗΜΙΟ ΙΩΑΝΝΙΝΩΝ ΑΝΟΙΚΤΑ ΑΚΑΔΗΜΑΪΚΑ ΜΑΘΗΜΑΤΑ



Οργανική Χημεία II

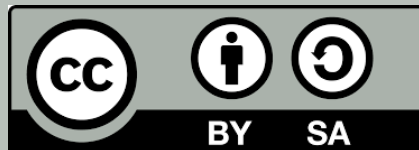
Ετεροκυκλικές ενώσεις, Νουκλεϊκές βάσεις

Διδάσκων: Καθηγητής Γεώργιος Πηλίδης



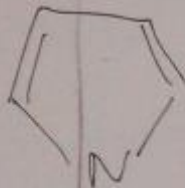
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- Για εκπαιδευτικό υλικό, όπως εικόνες, που υπόκειται σε άλλου τύπου άδειας χρήσης, η άδεια χρήσης αναφέρεται ρητώς.



Ετεροκυκλικές Έρωτες

N



Πυριδίνη

O S

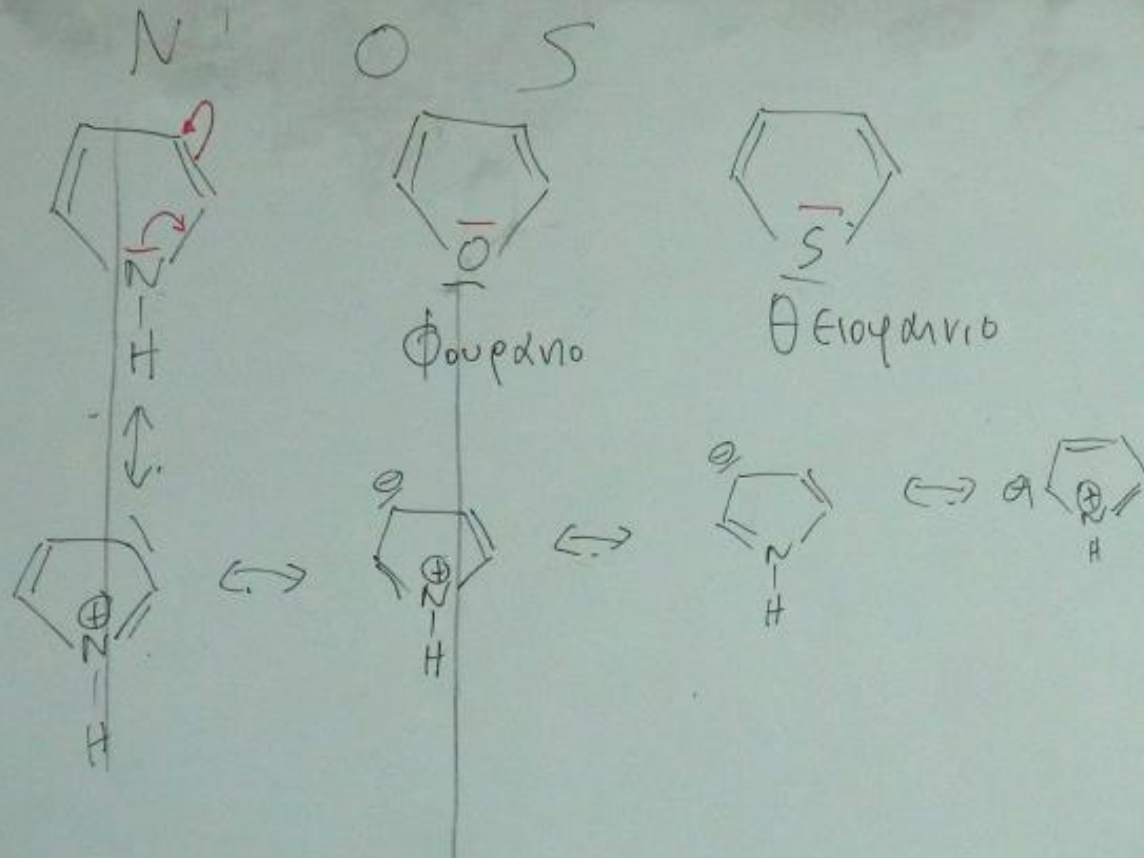


Φουράνη



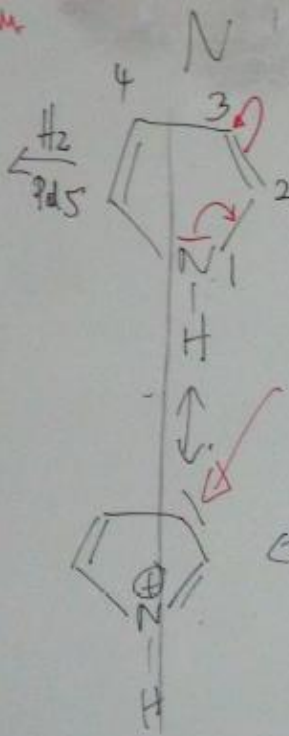
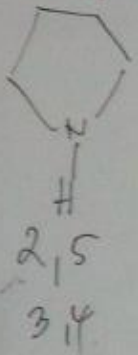
Θειοφάνη

Ετεροκυκλικές Ένωσεις

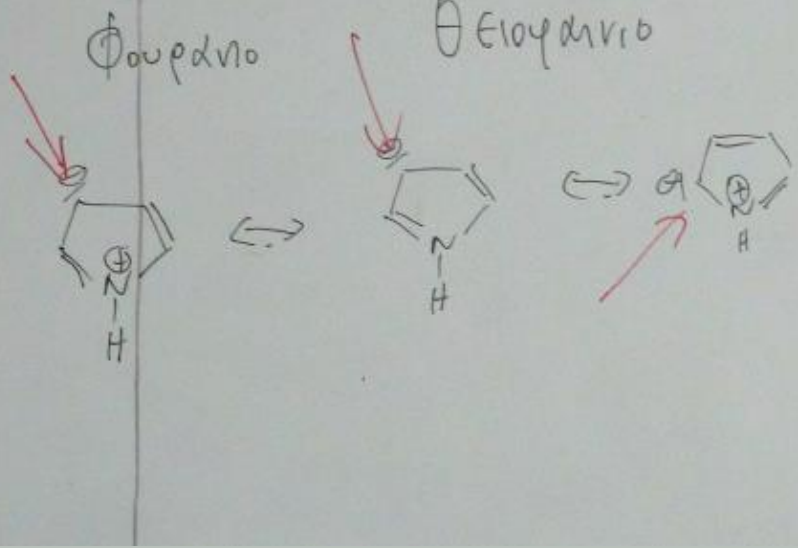
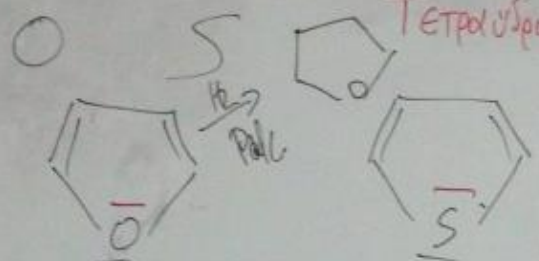


Ετεροκυκλικές Ένωσεις

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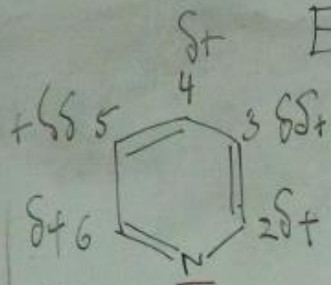


Τετραϋδροϋουράνιο THF

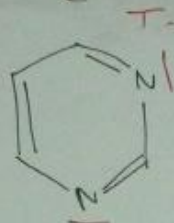


Ηλεκτρονιακά
αμφιπρόσημα

Ετεροκυκλικές Ένωσεις

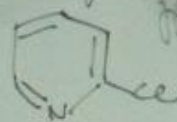
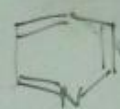


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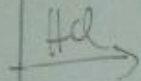
Πυριδίνη

NaNH_2



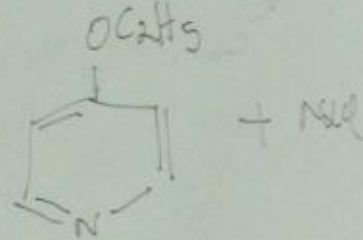
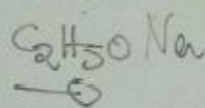
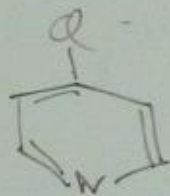
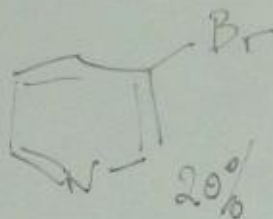
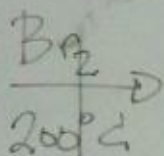
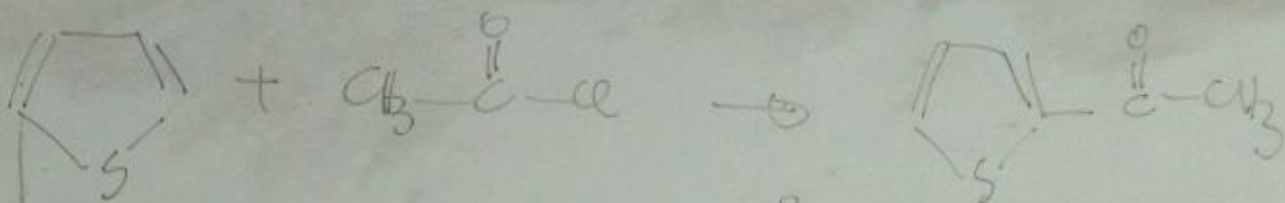
πλο
πενζο

Όσον 2,6 πυρρολίνη οραλογία

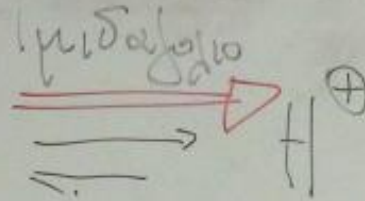
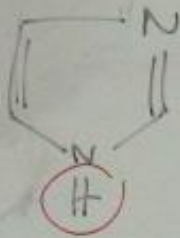


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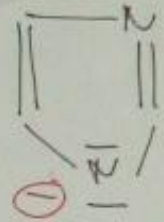
Ετεροκίγγικες Ένωσεις



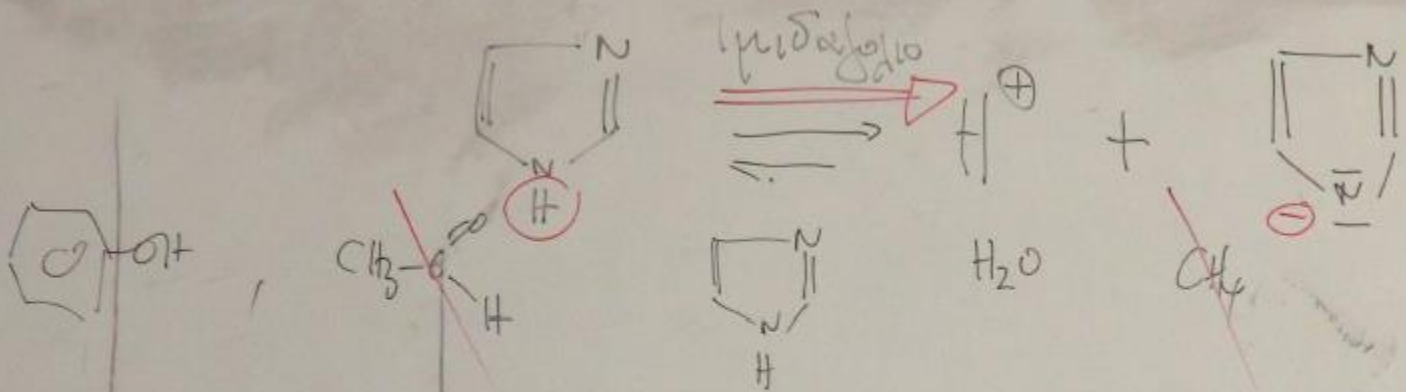
Ετεροκυκλικές Έρωτες



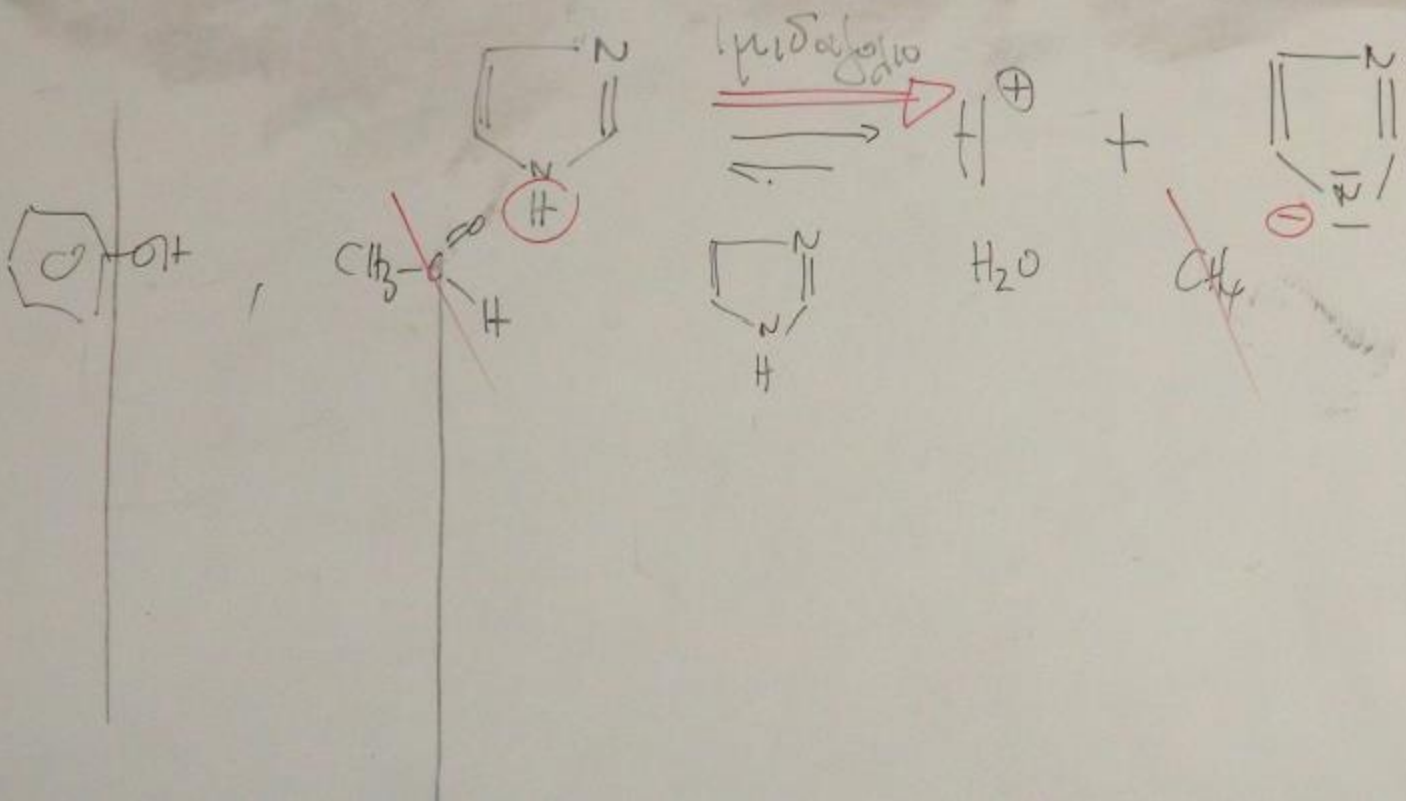
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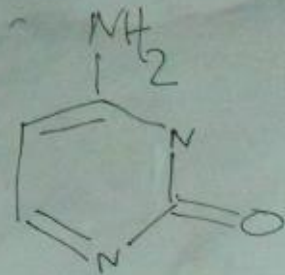


Ετεροκυκλικές Έκτασης

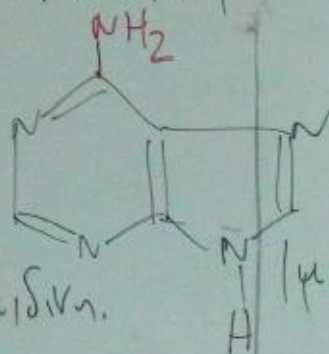


Etterungines Erweits



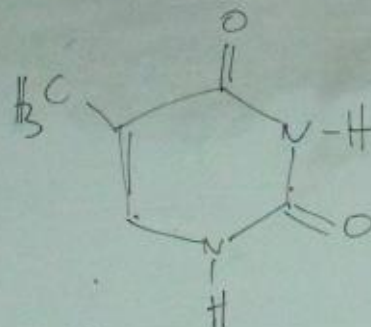


ΚΥΤΟΓΙΝΗ

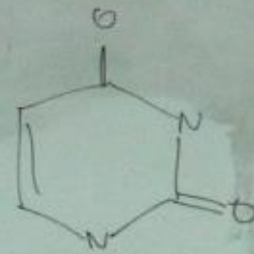


ΠΥΡΙΜΙΔΙΝΗ

μικροβιοκτόνο



ΘΥΜΙΝΗ



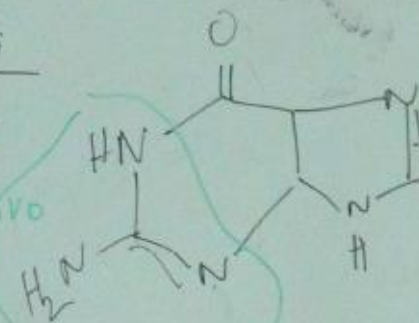
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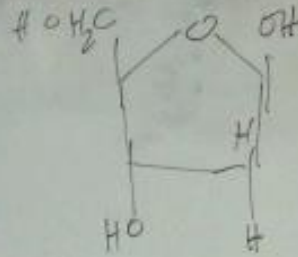
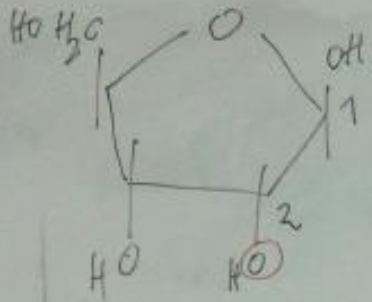
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ΑΔΕΝΙΝΗ

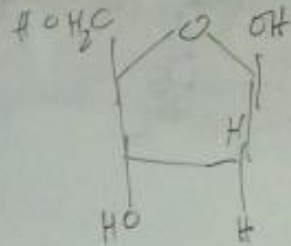
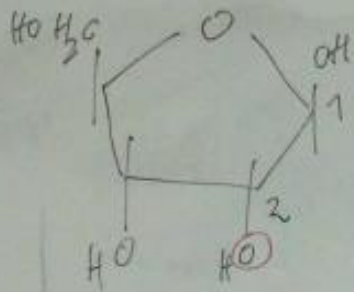
γουανίνο

ΓΟΥΑΝΙΛΙΝΗ





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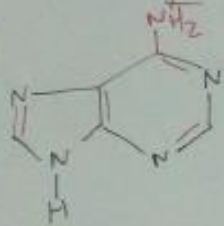


Ριβόζη (RNA) 2 - Δεοξυριβόζη (DNA)

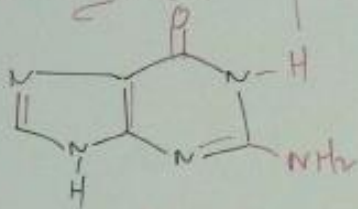
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Ετεροκυκλική βάση

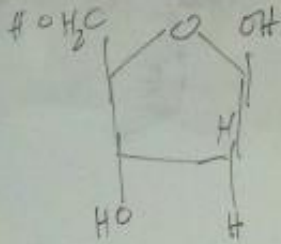
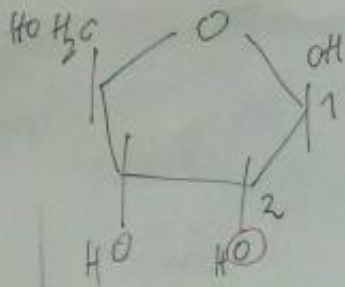
Πουρίνη



Αδενίν.

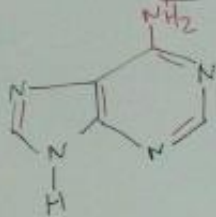


Γουανίν.



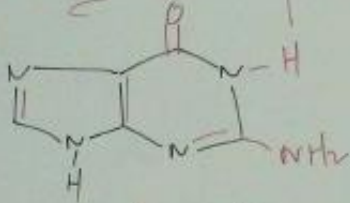
Ριβόζη (RNA) 2 - Δεοξυριβόζη (DNA)

Πουρίνη

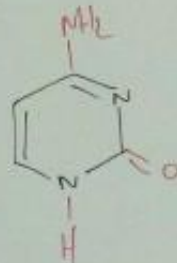


Αδενίνη

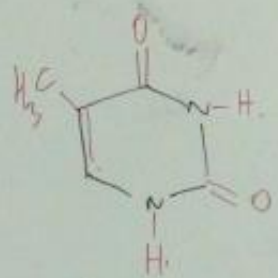
Πυριμιδινική βάση



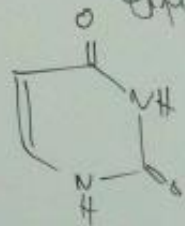
Γουανίνη



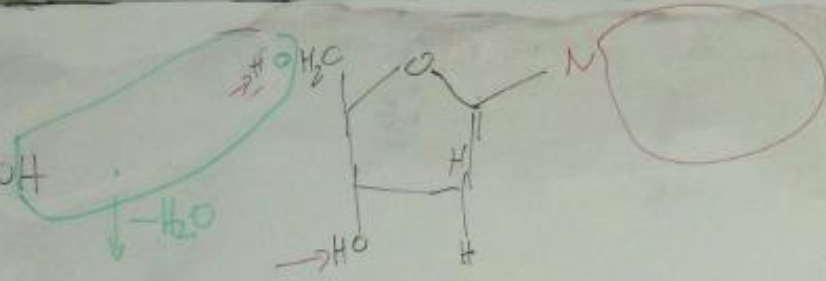
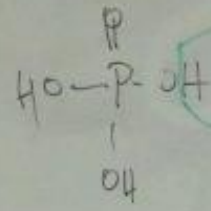
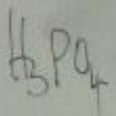
Κυτοσίνη



Ουρακίλη

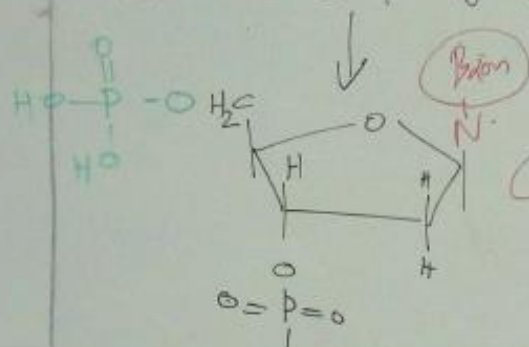


Θυμιλίνη

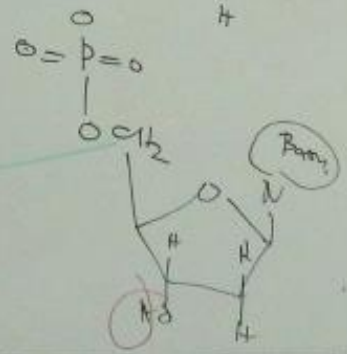
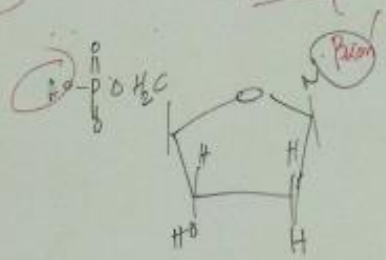


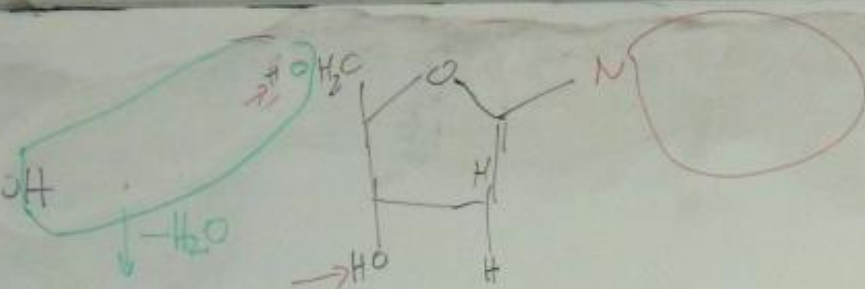
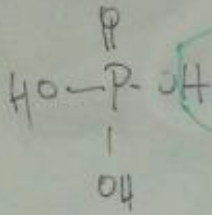
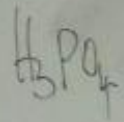
Nucleosides

2 - Δεοξυριβοζης (DNA)



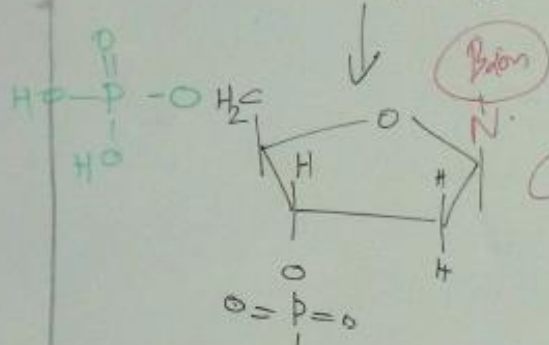
Nucleotides



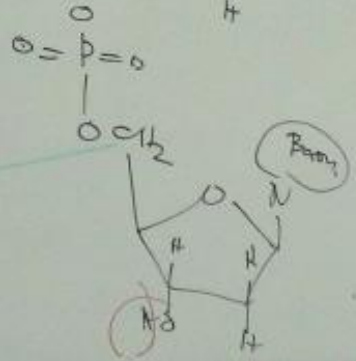
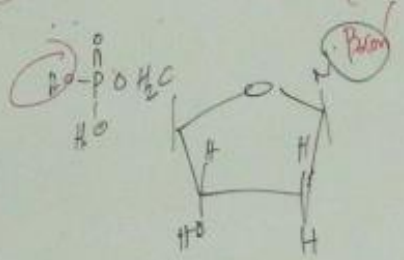


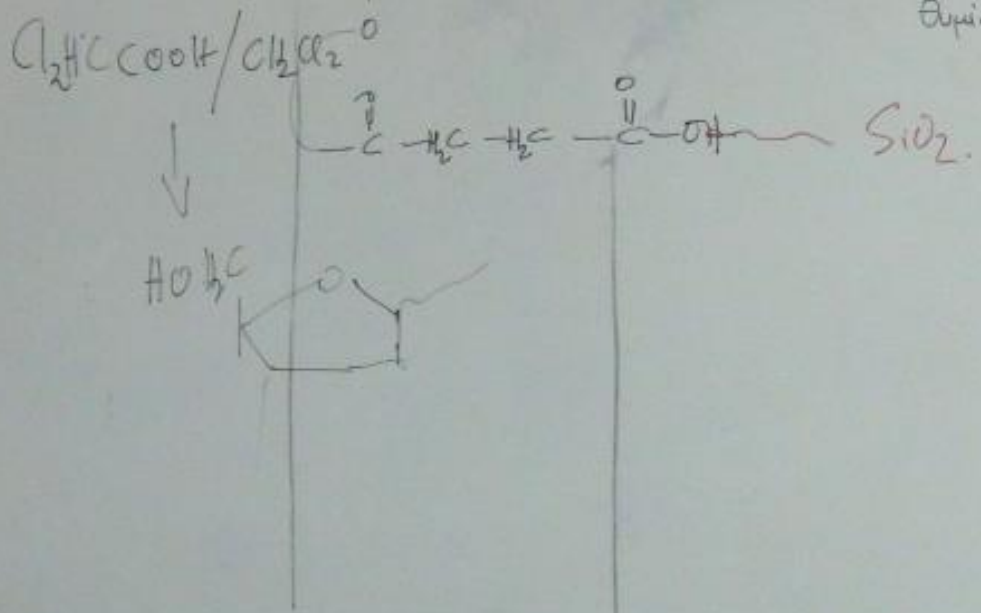
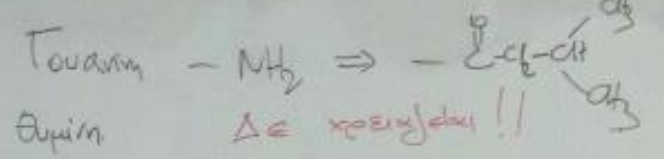
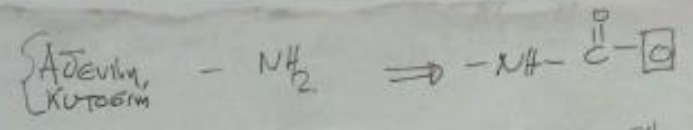
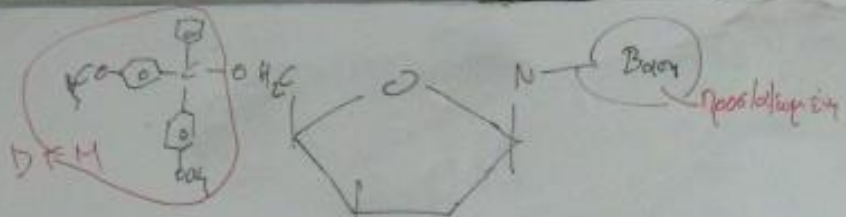
Nucleosides

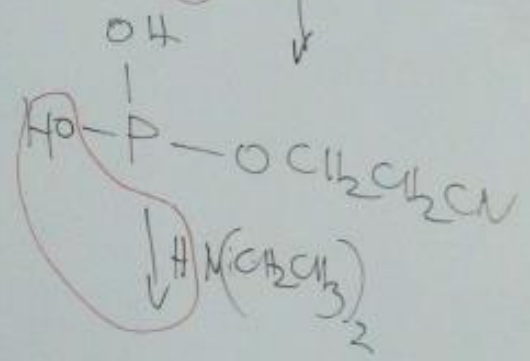
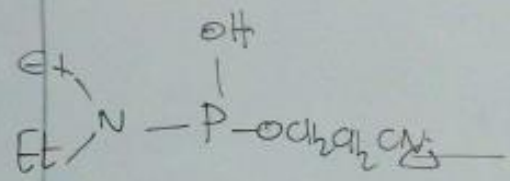
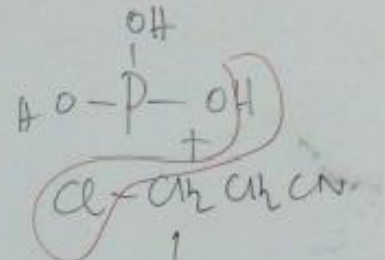
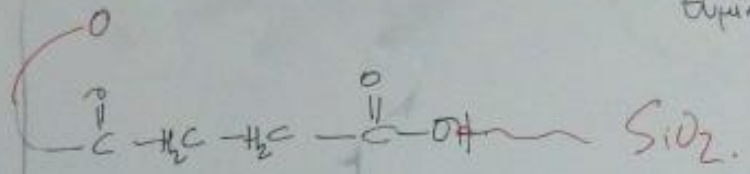
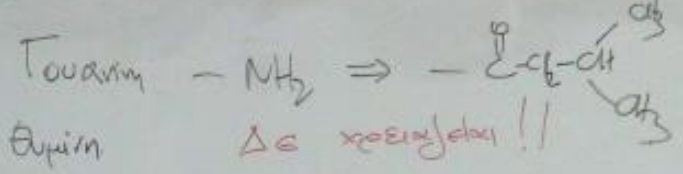
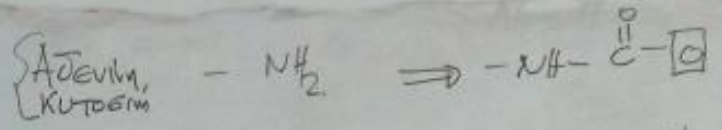
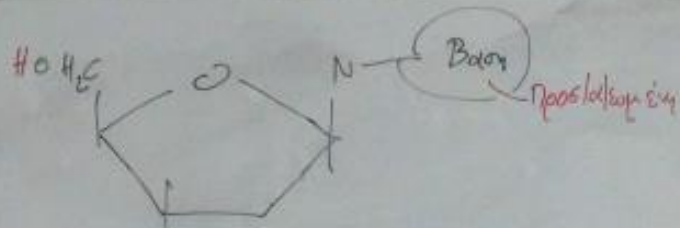
2 - Δεοξυριβόζη (DNA)

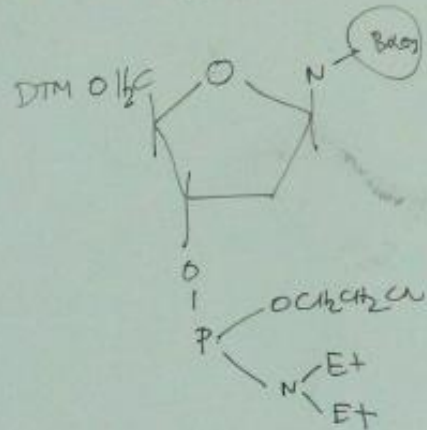
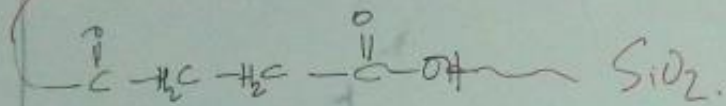
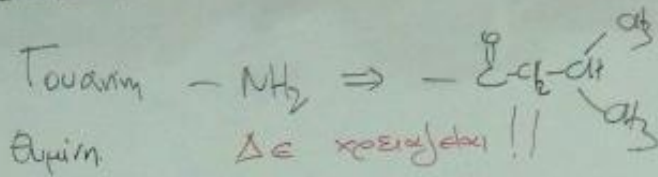
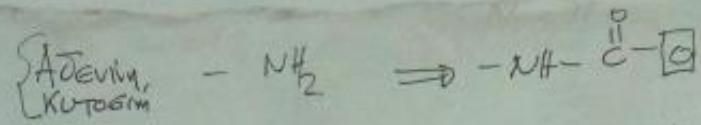
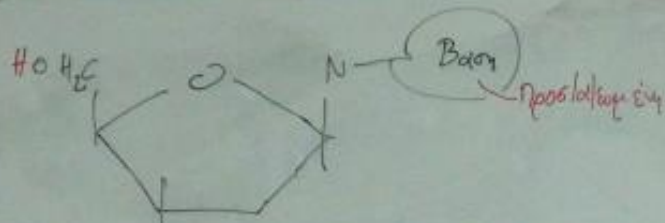


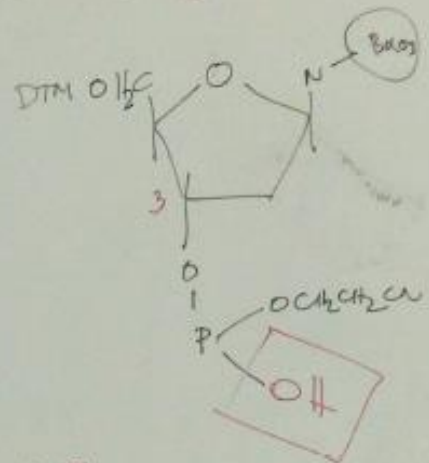
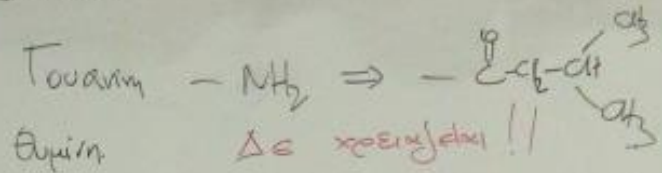
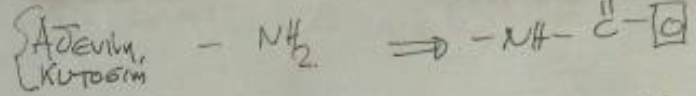
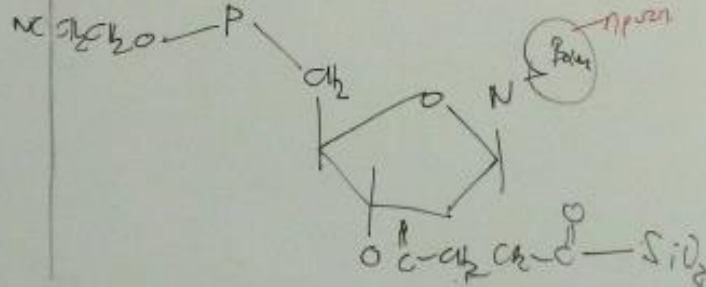
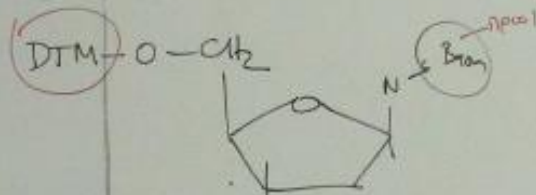
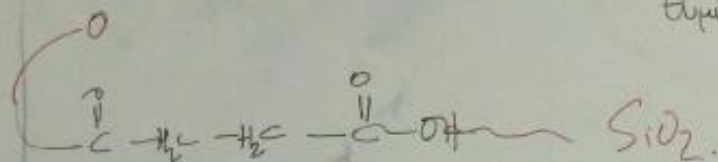
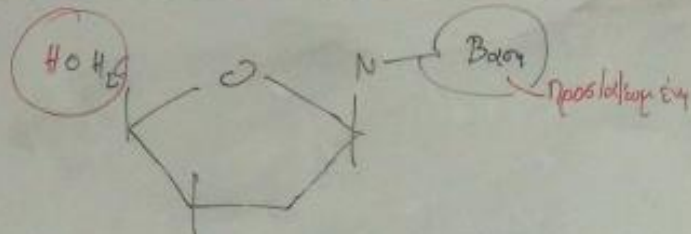
Nucleosides

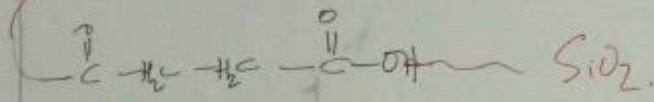
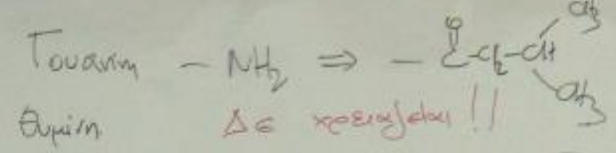
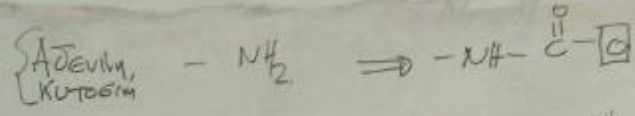
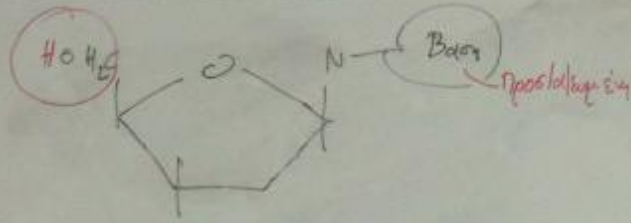




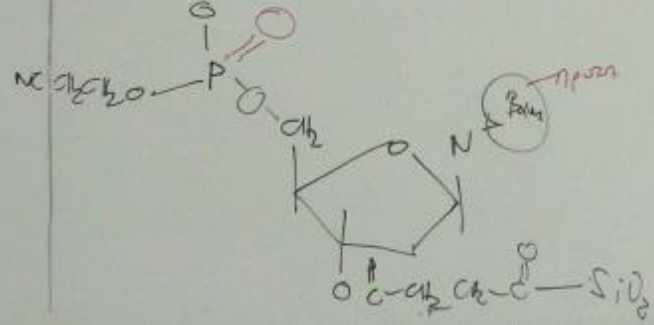
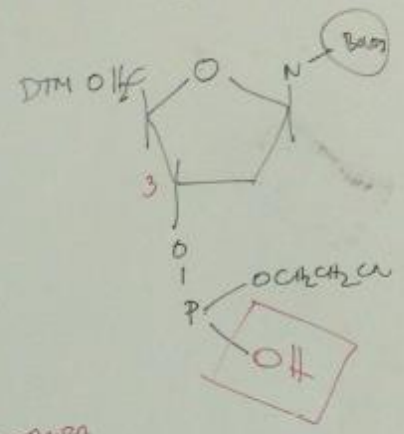
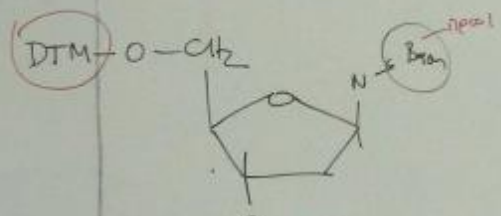
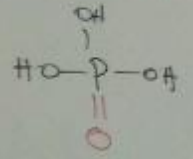


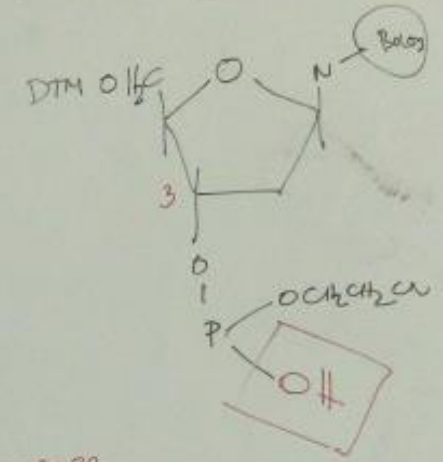
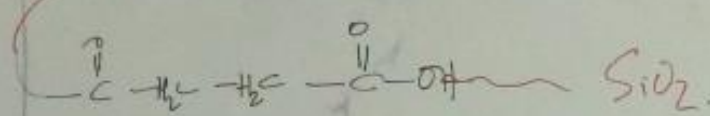
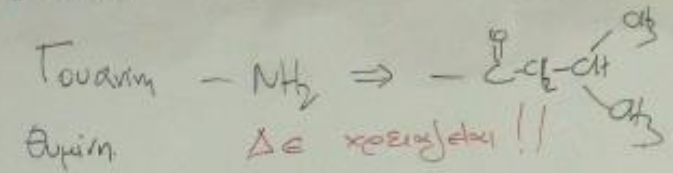
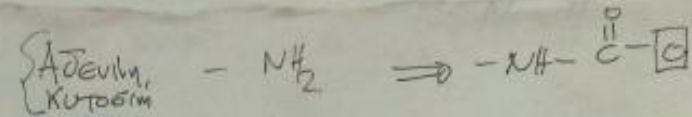
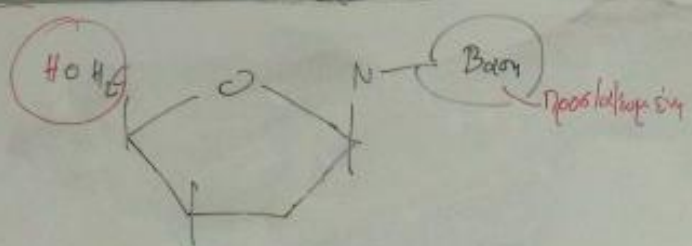






Οξείδιο της φωσφορικής
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 φωσφορική



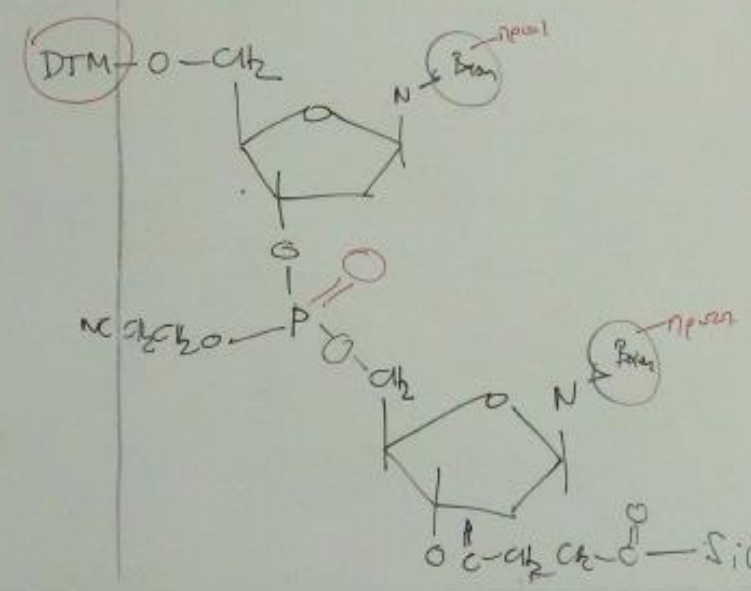
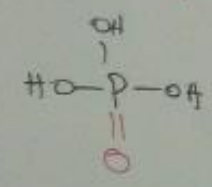


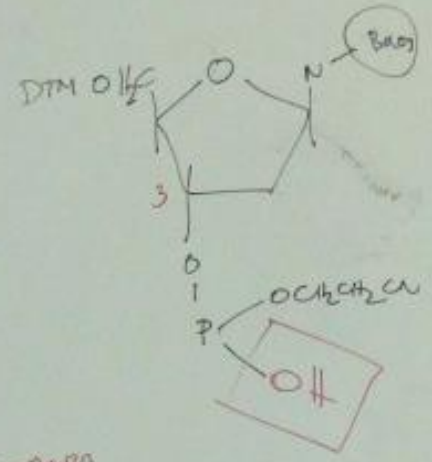
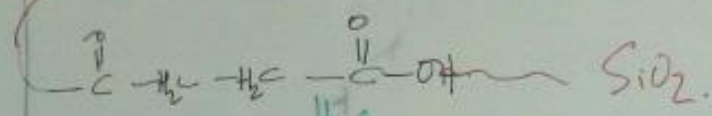
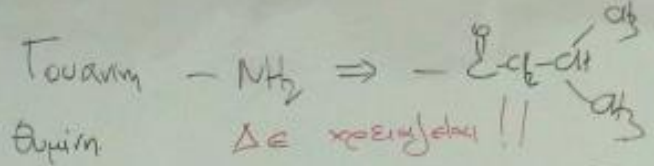
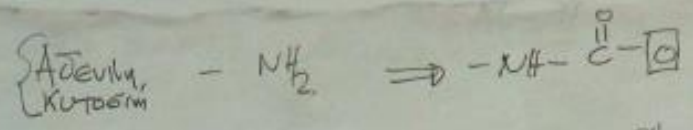
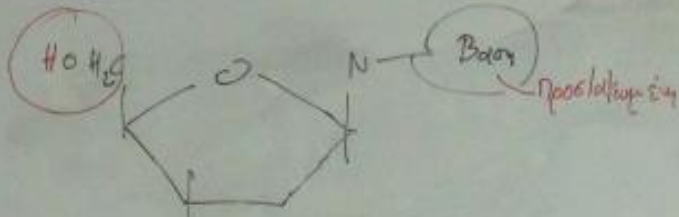
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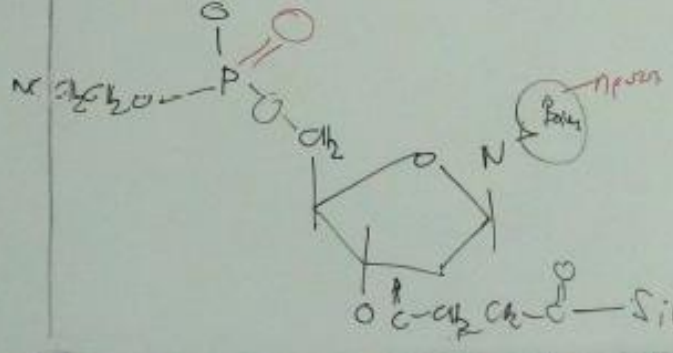
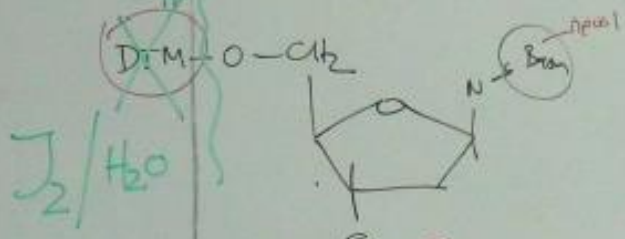
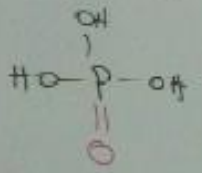


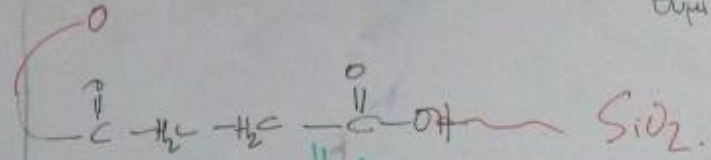
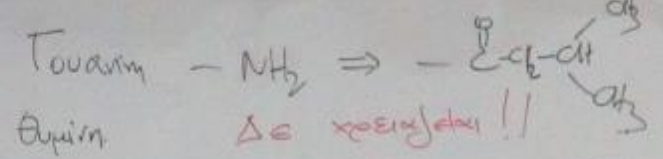
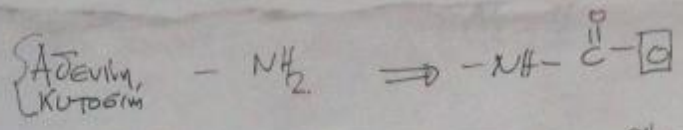
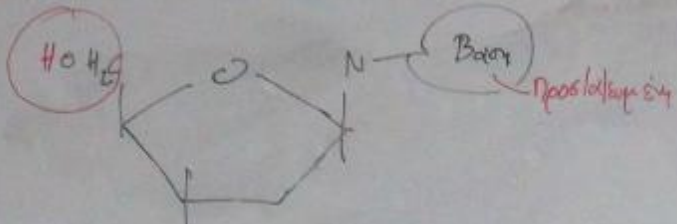
Οξείδωση

 της φωσφορίδας

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 φωσφορική



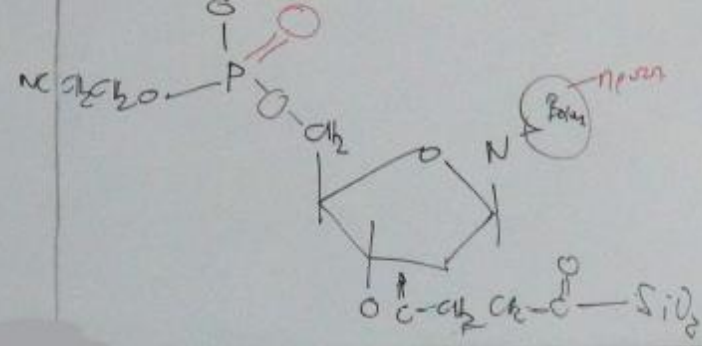
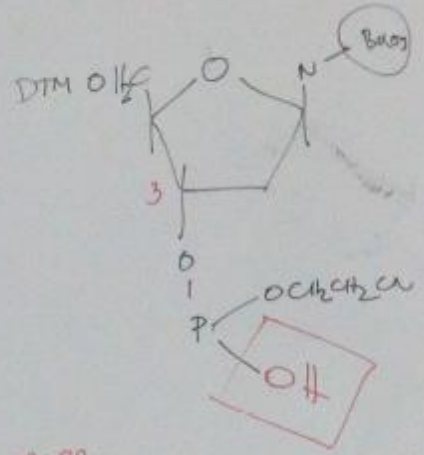
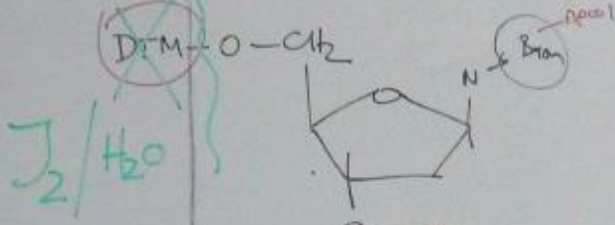
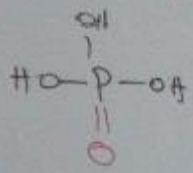


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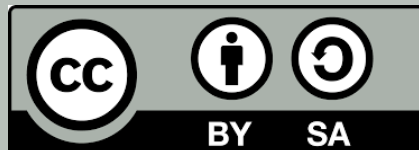
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 φωσφορική



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- Το παρόν εκπαιδευτικό υλικό έχει αναπτυχθεί στα πλαίσια του εκπαιδευτικού έργου του διδάσκοντα.
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Ευρωπαϊκό Κοινωνικό Ταμείο



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ΕΙΔΙΚΗ ΥΠΗΡΕΣΙΑ ΔΙΑΧΕΙΡΙΣΗΣ

Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης



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Σημείωμα Ιστορικού Εκδόσεων Έργου

Το παρόν έργο αποτελεί την έκδοση 1.0.

Έχουν προηγηθεί οι κάτωθι εκδόσεις:

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<http://ecourse.uoi.gr/course/view.php?id=1127>.

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Ετεροκυκλικές ενώσεις, Νουκλεϊκές βάσεις». Έκδοση:
1.0. Ιωάννινα 2014. Διαθέσιμο από τη δικτυακή
διεύθυνση:

<http://ecourse.uoi.gr/course/view.php?id=1127>.

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