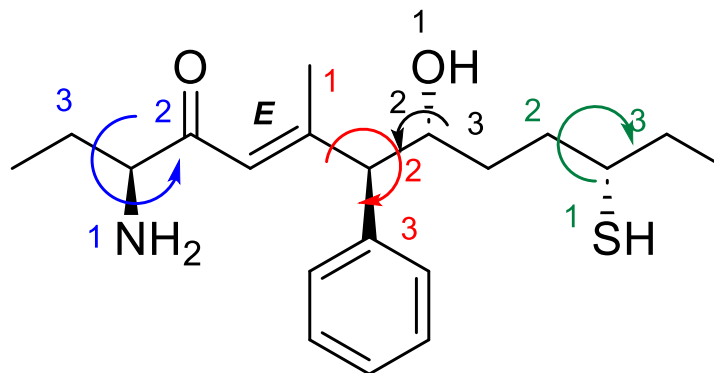


## COMPITO A

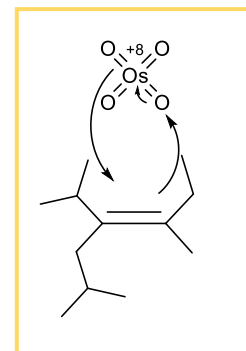
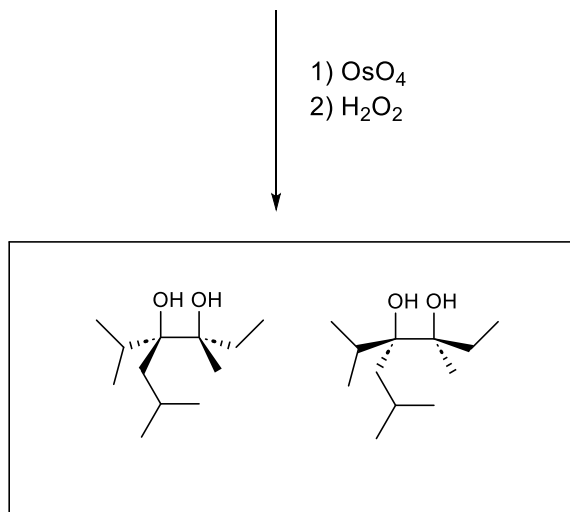
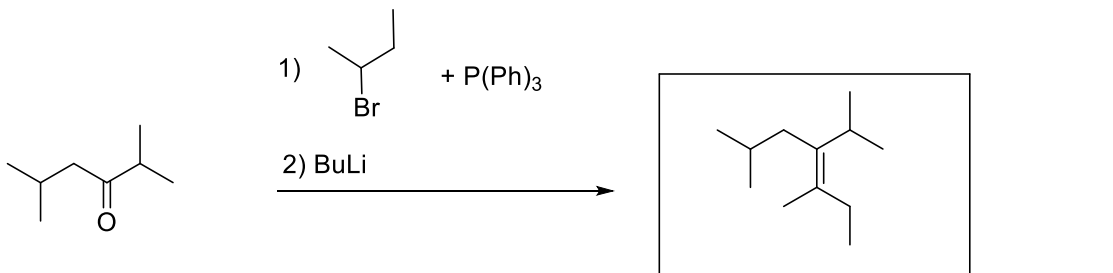
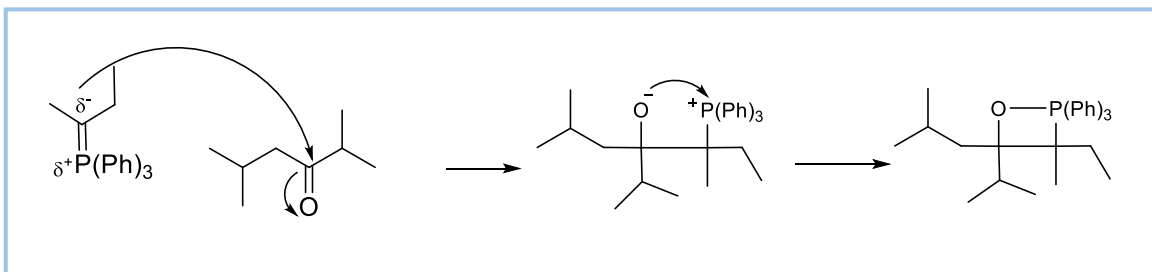
1. Attribuire il nome IUPAC, completo dei descrittori stereochimici, alla seguente molecola.



(3S,7R,8R,11S,E)-3-ammino-7-fenil-8-idrossi-11-mercapto-6-metiltridec-5-en-4-one

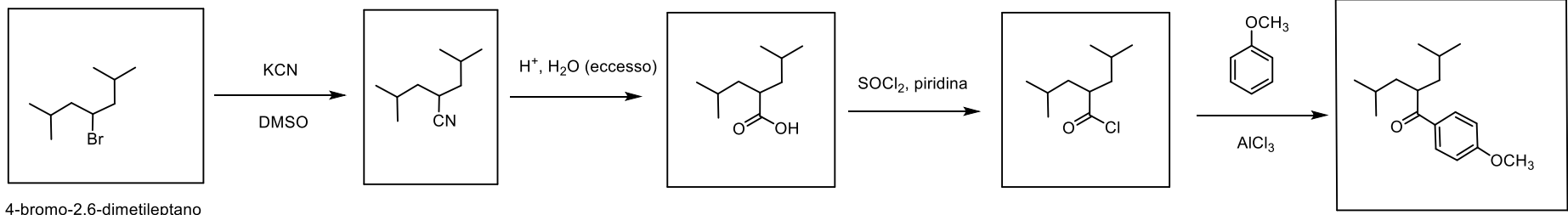
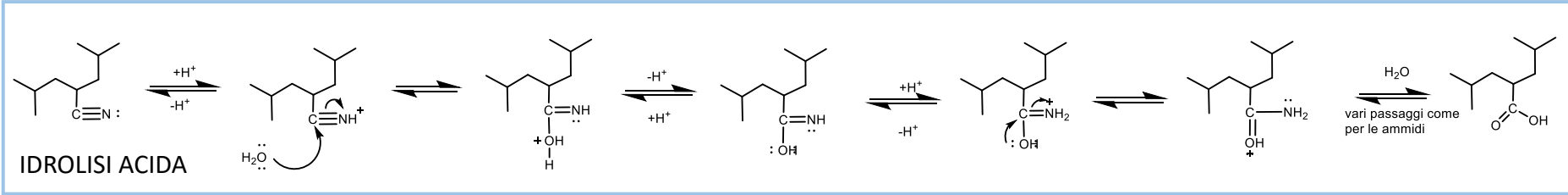
# COMPITO A

2. Completare il seguente schema di reazione indicando negli appositi riquadri le strutture mancanti. Indicare la stereochimica dei prodotti:

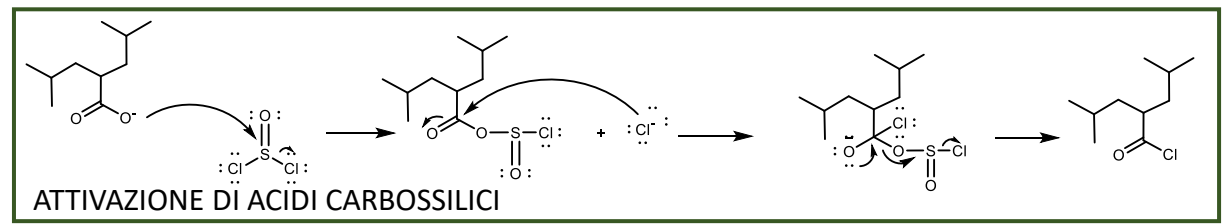
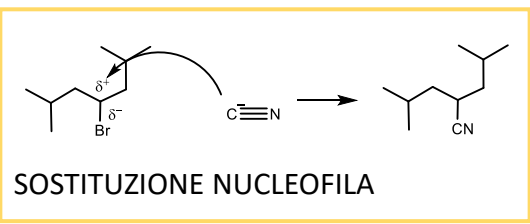


# COMPITO A

3. Completare il seguente schema di reazione indicando negli appositi riquadri le strutture mancanti. Indicare la stereochimica dei prodotti:

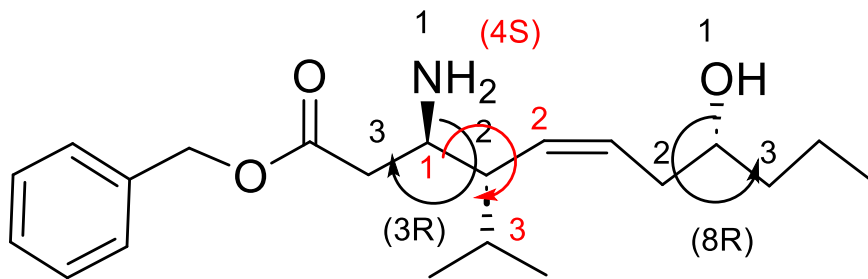


4-bromo-2,6-dimileptano



## COMPITO B

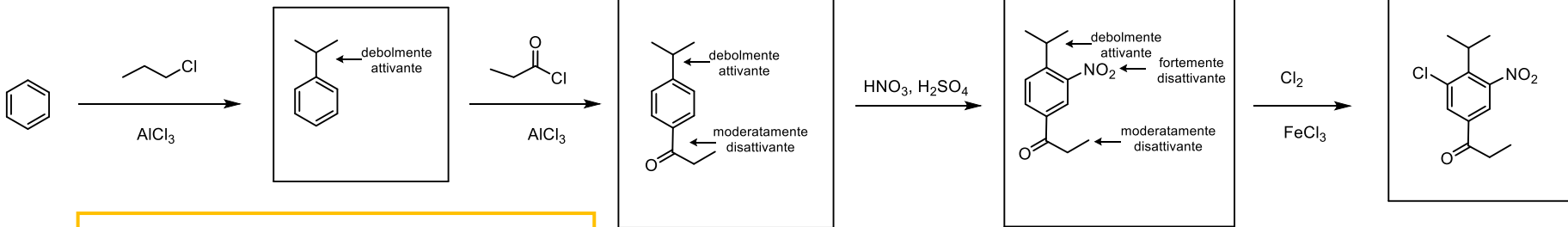
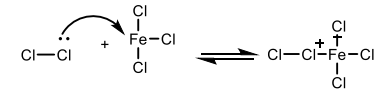
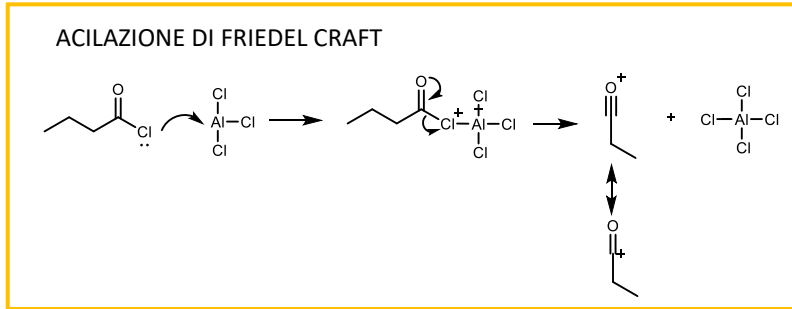
1. Attribuire il nome IUPAC, completo dei descrittori stereochimici, alla seguente molecola.



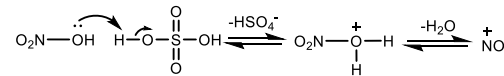
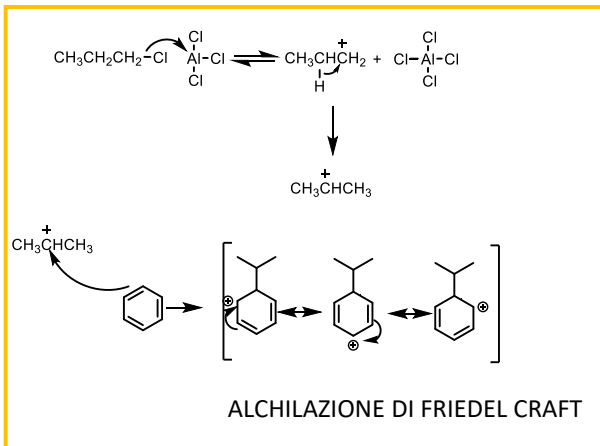
(3R,4S,8R,Z)-benzil 3-amino-8-idrossi-4-isopropilundec-5-enoato

# COMPITO B

2. Completare il seguente schema di reazione indicando negli appositi riquadri i prodotti ottenuti:



prodotto principale

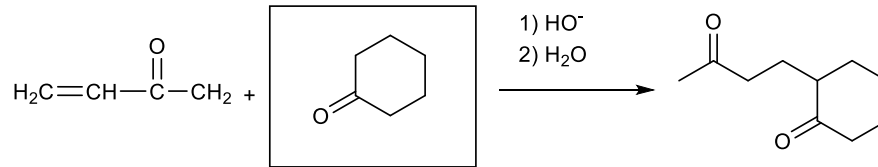


# COMPITO B

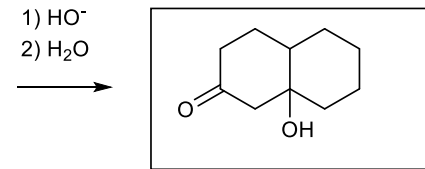
3. Completare il seguente schema di reazione indicando negli appositi riquadri i prodotti ottenuti:

## ANELLAZIONE DI ROBINSON

### ADDIZIONE DI MICHAEL



### CONDENSAZIONE ALDOLICA



1)  $\Delta$

