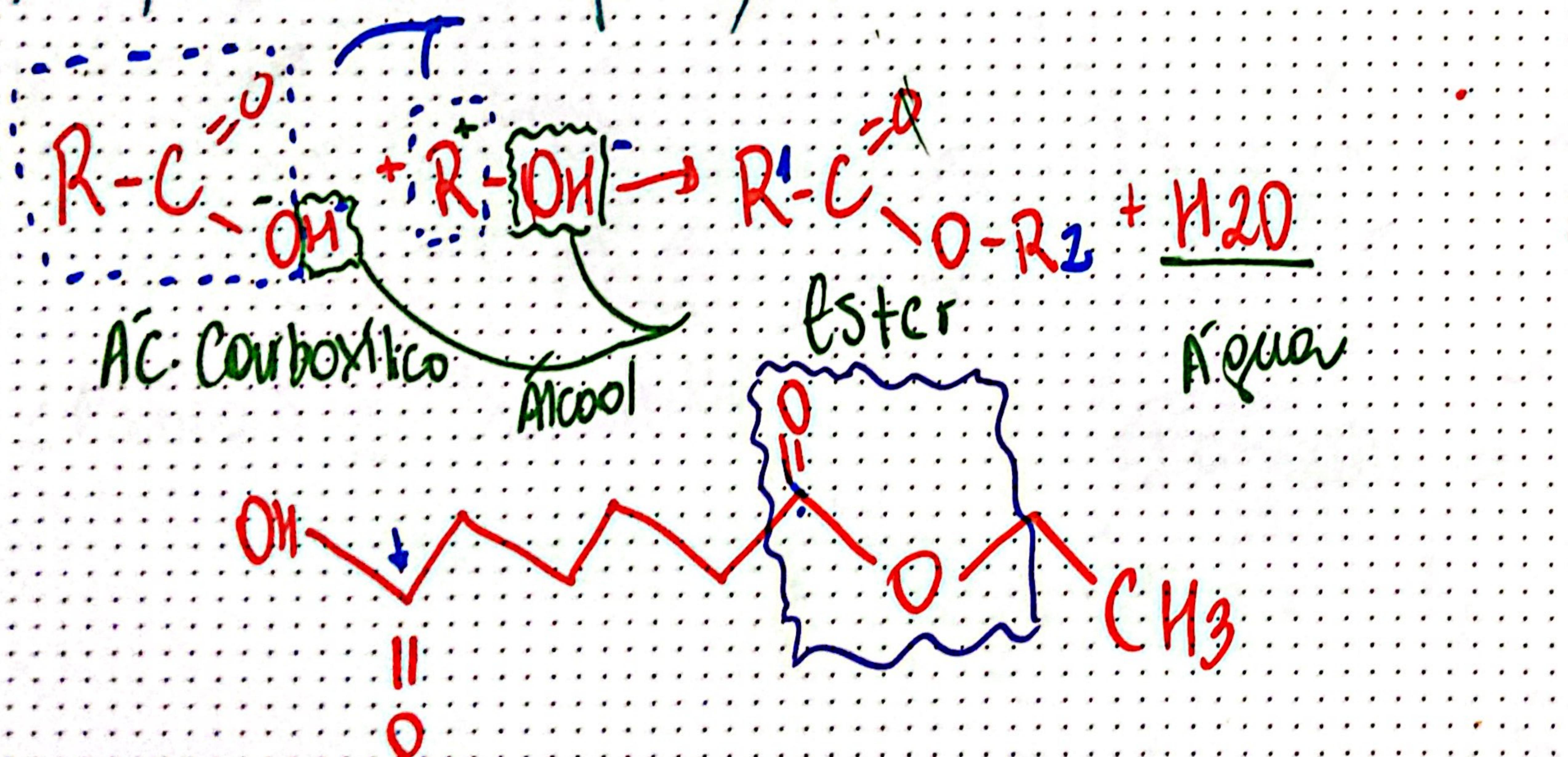


# Ester

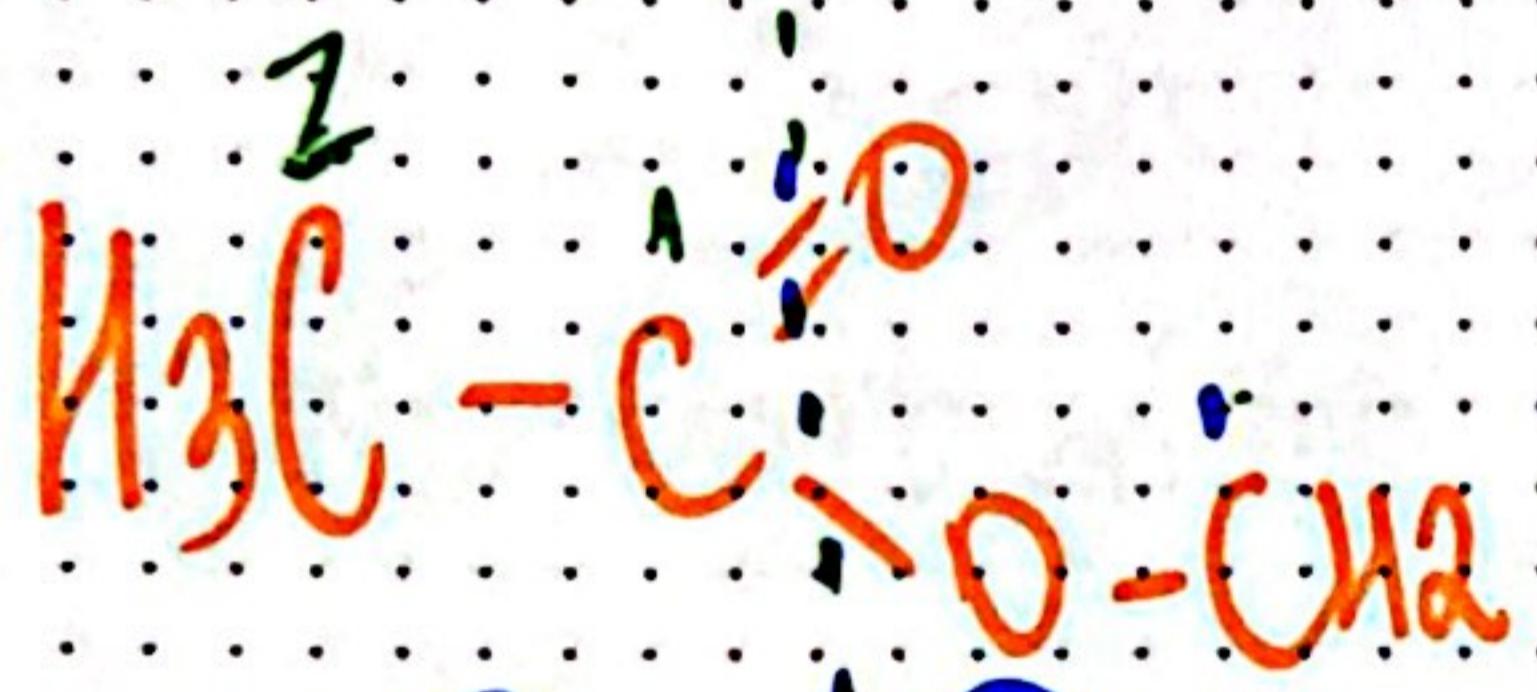


## Reação de Esterificação

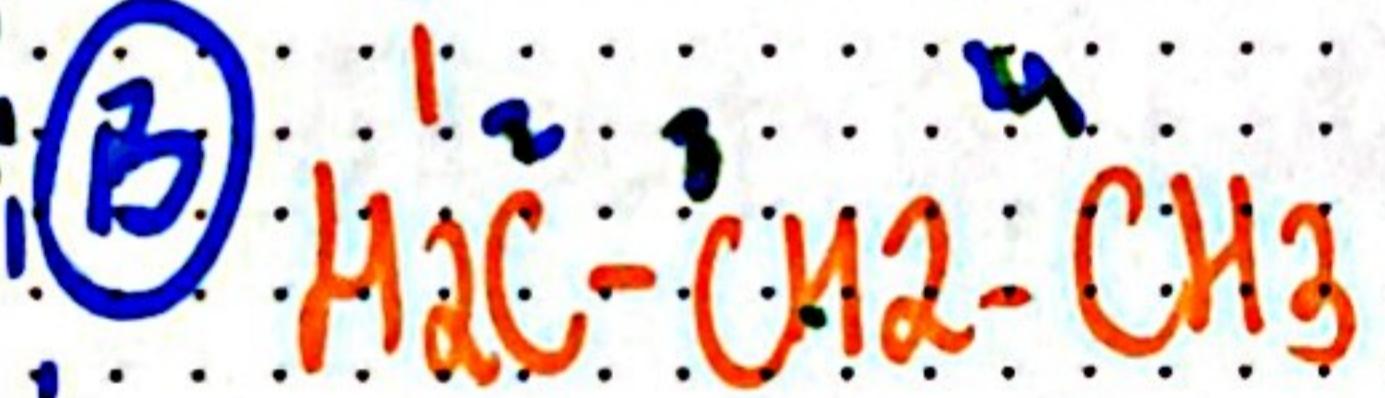


# Nomenclatura

prefixo + oato de radical + ilo

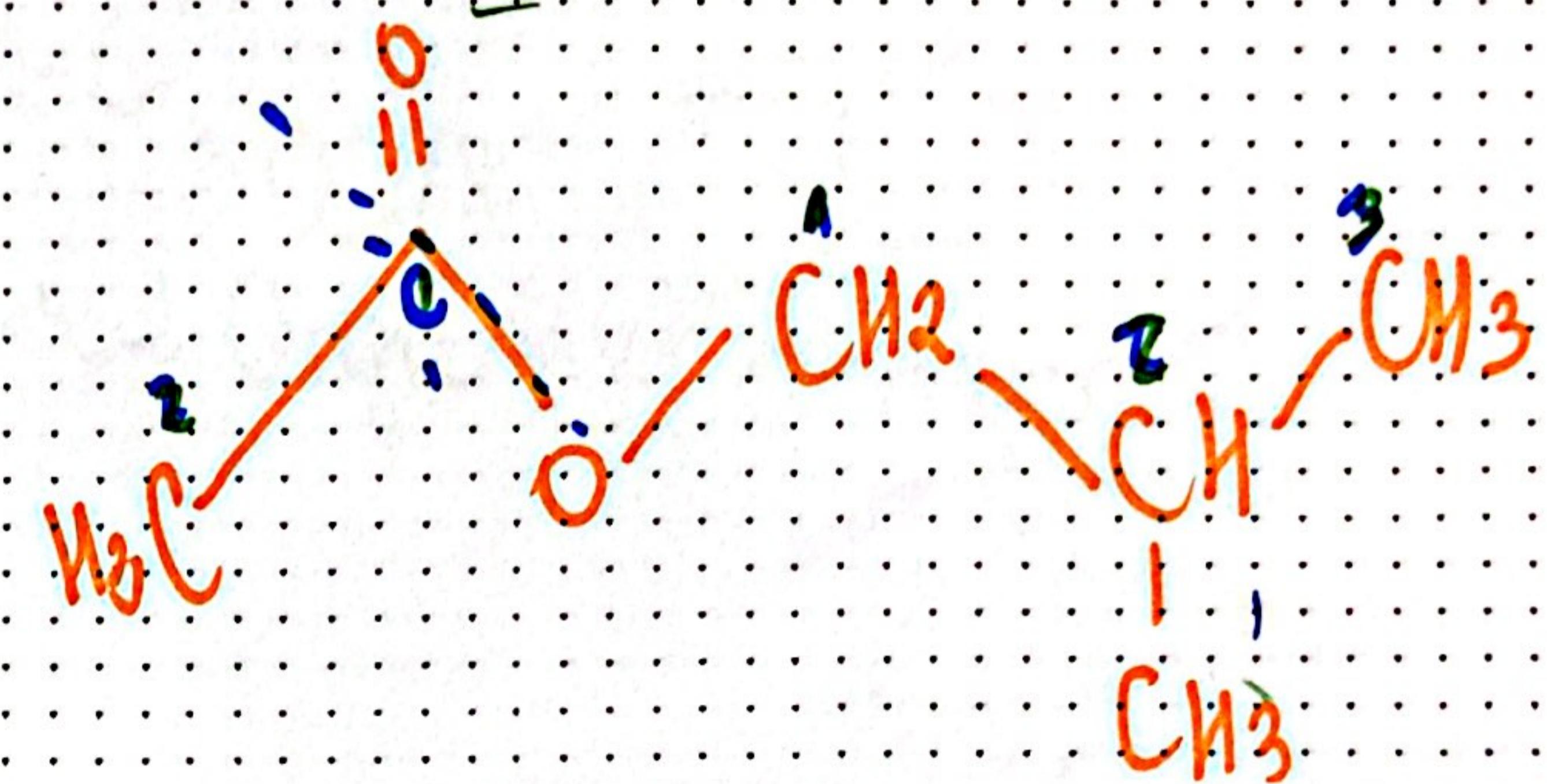


(A)

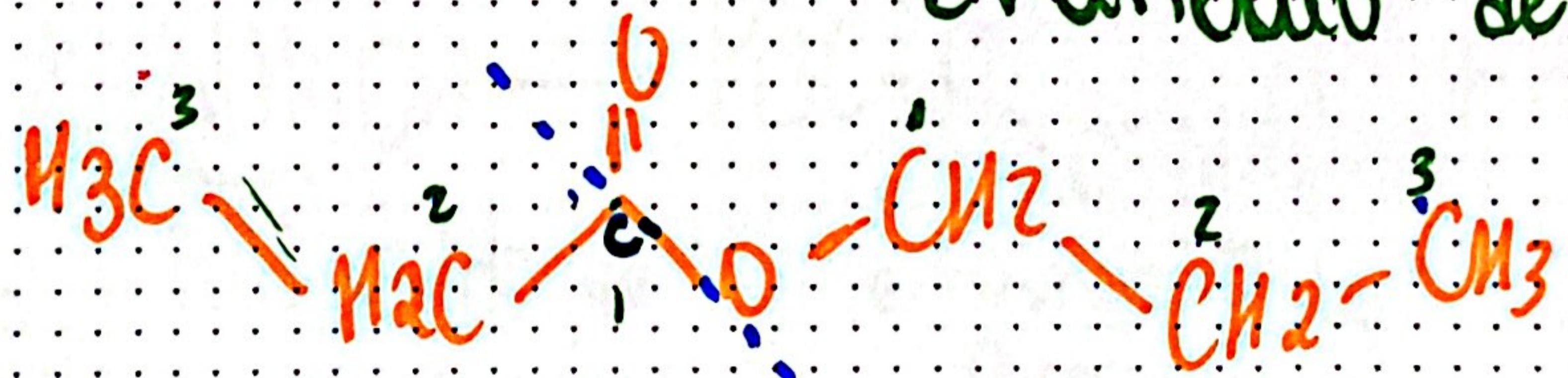


(B)

etanoato de butanilo

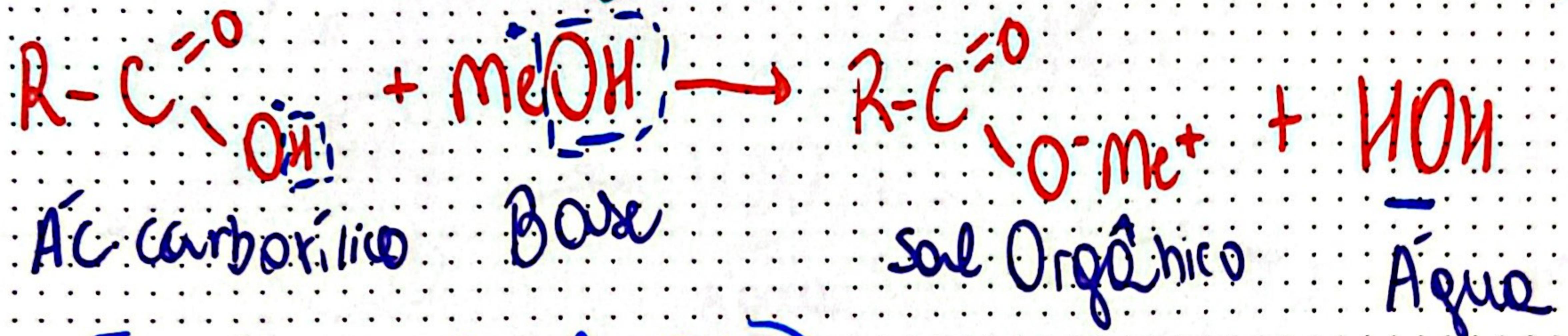
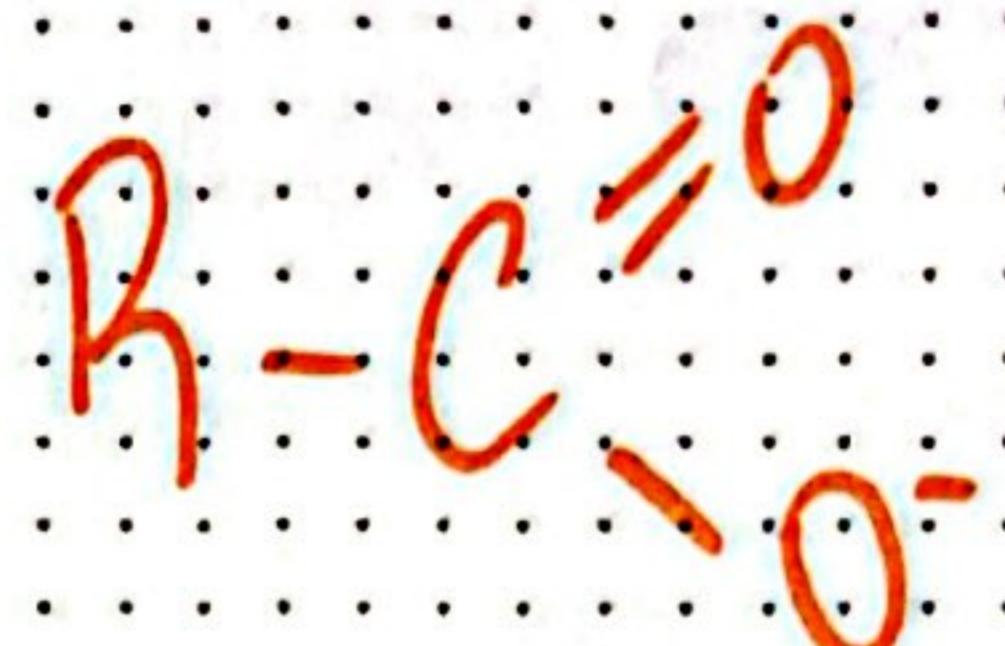


etanoato de 2-metil propanilo

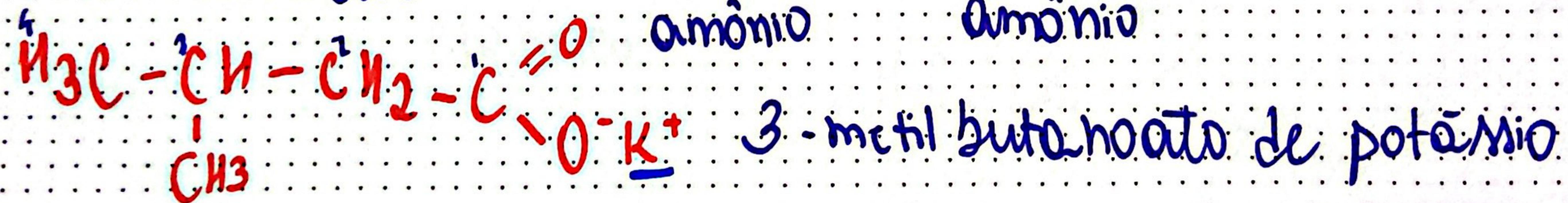
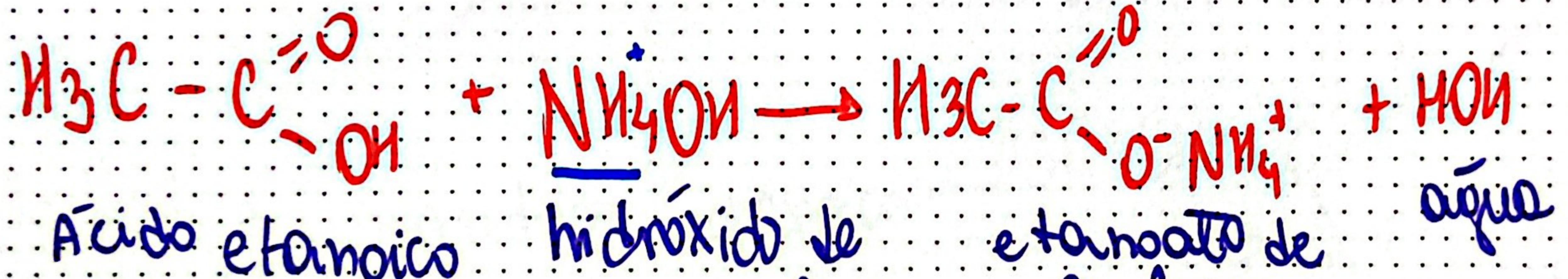


propanoato de propanilo

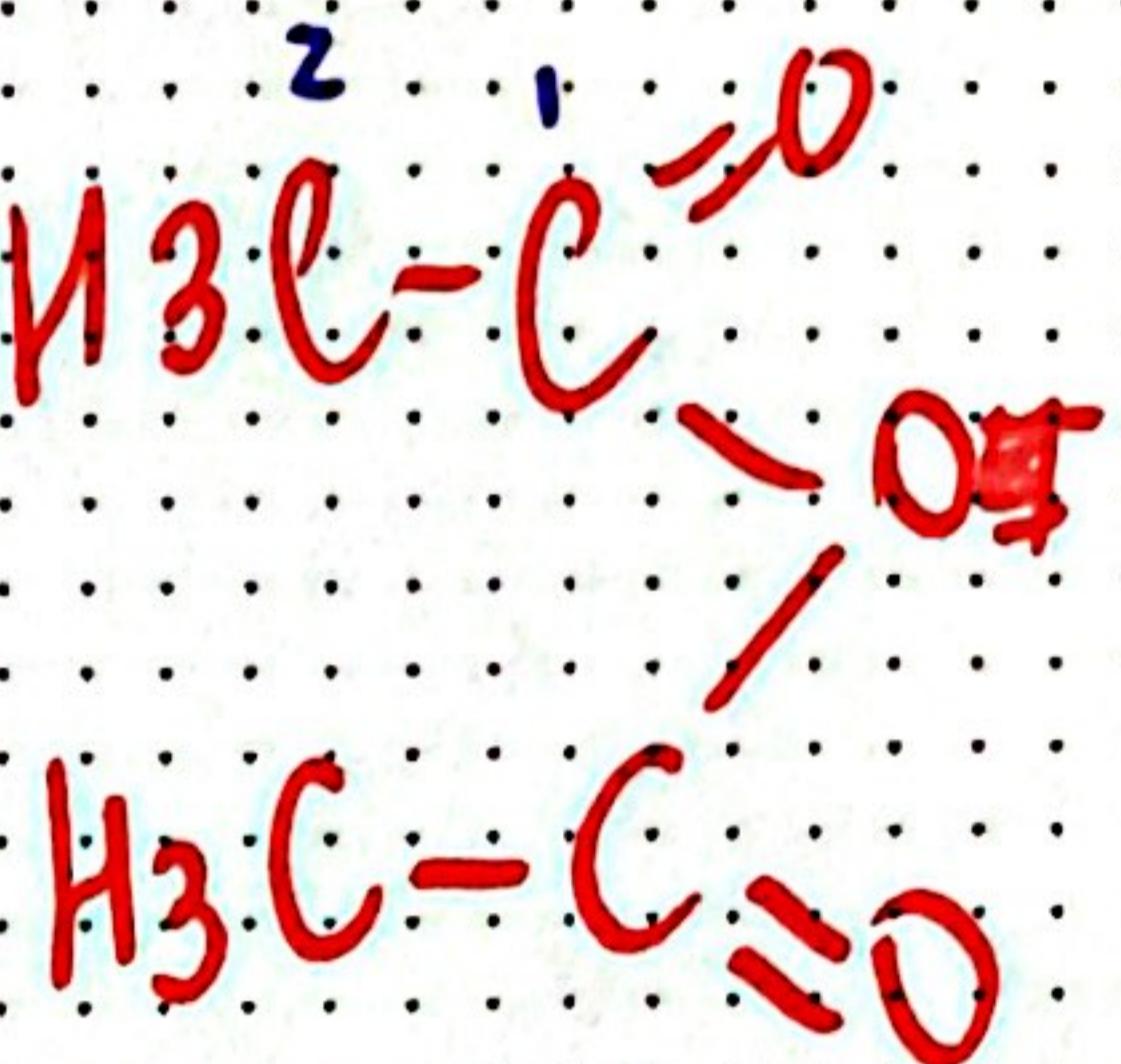
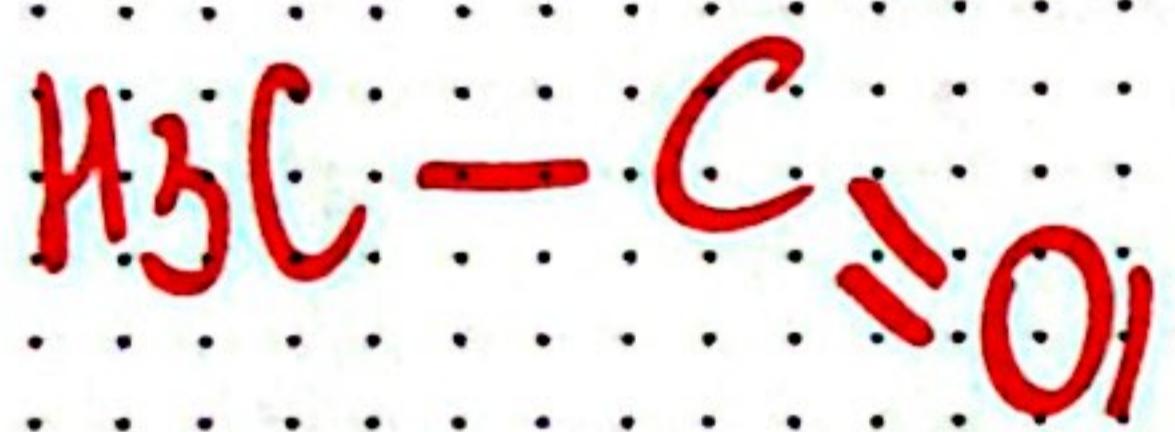
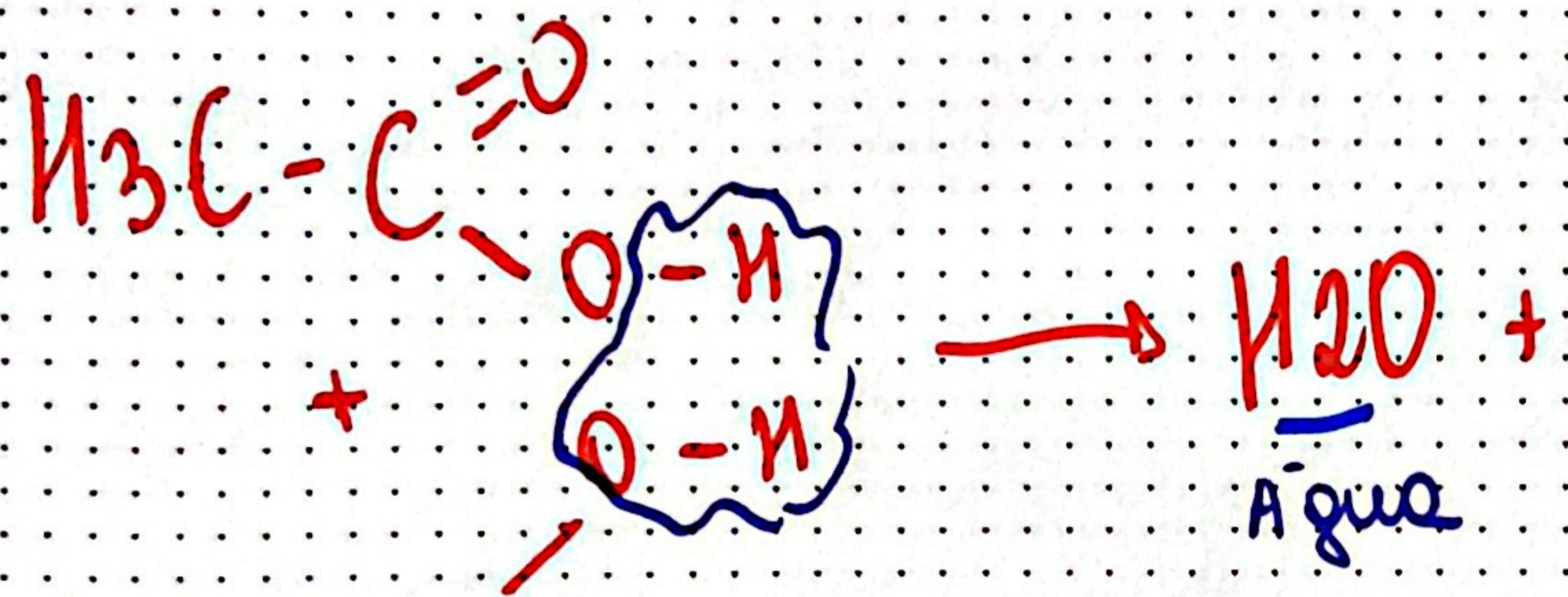
# Sais Orgânicos



Reacções de neutralização

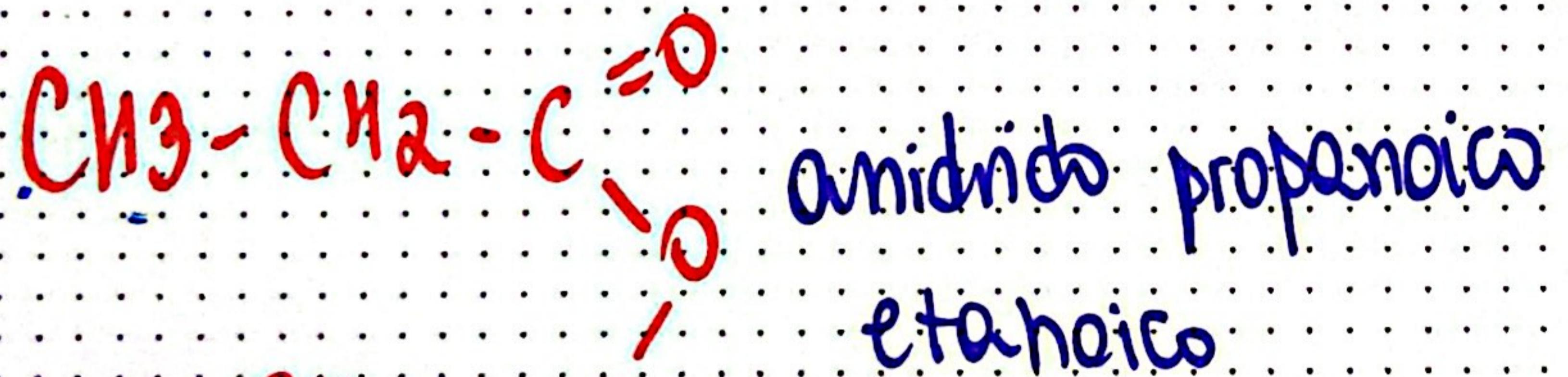


## Amidrindo Acético



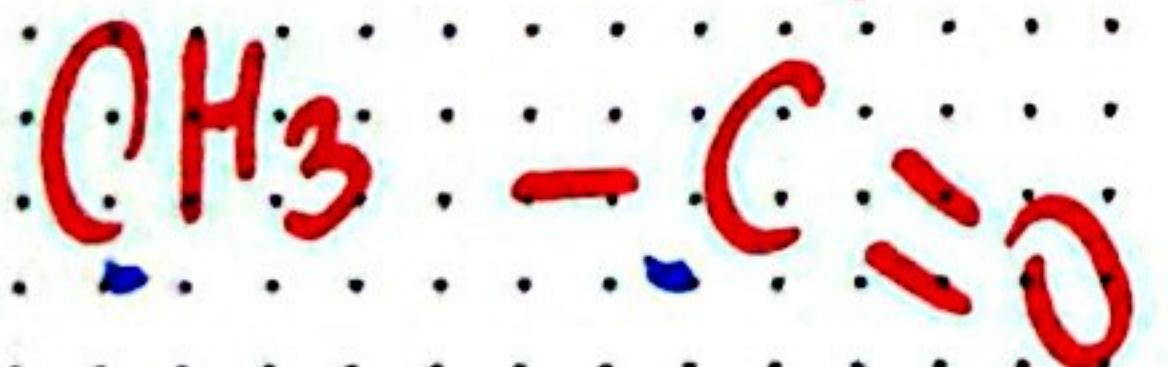
amidrindo acético

amidrindo etanoico

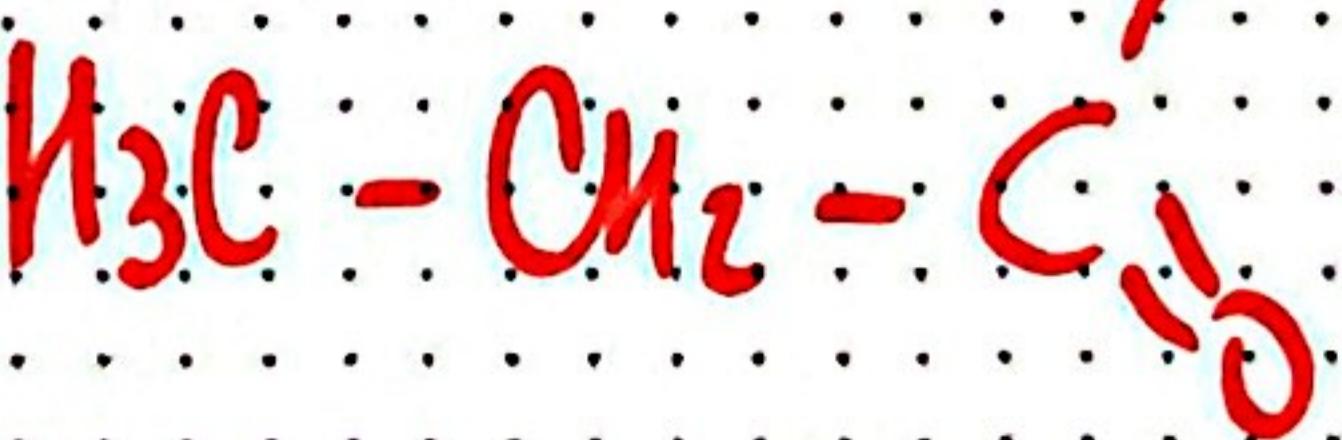


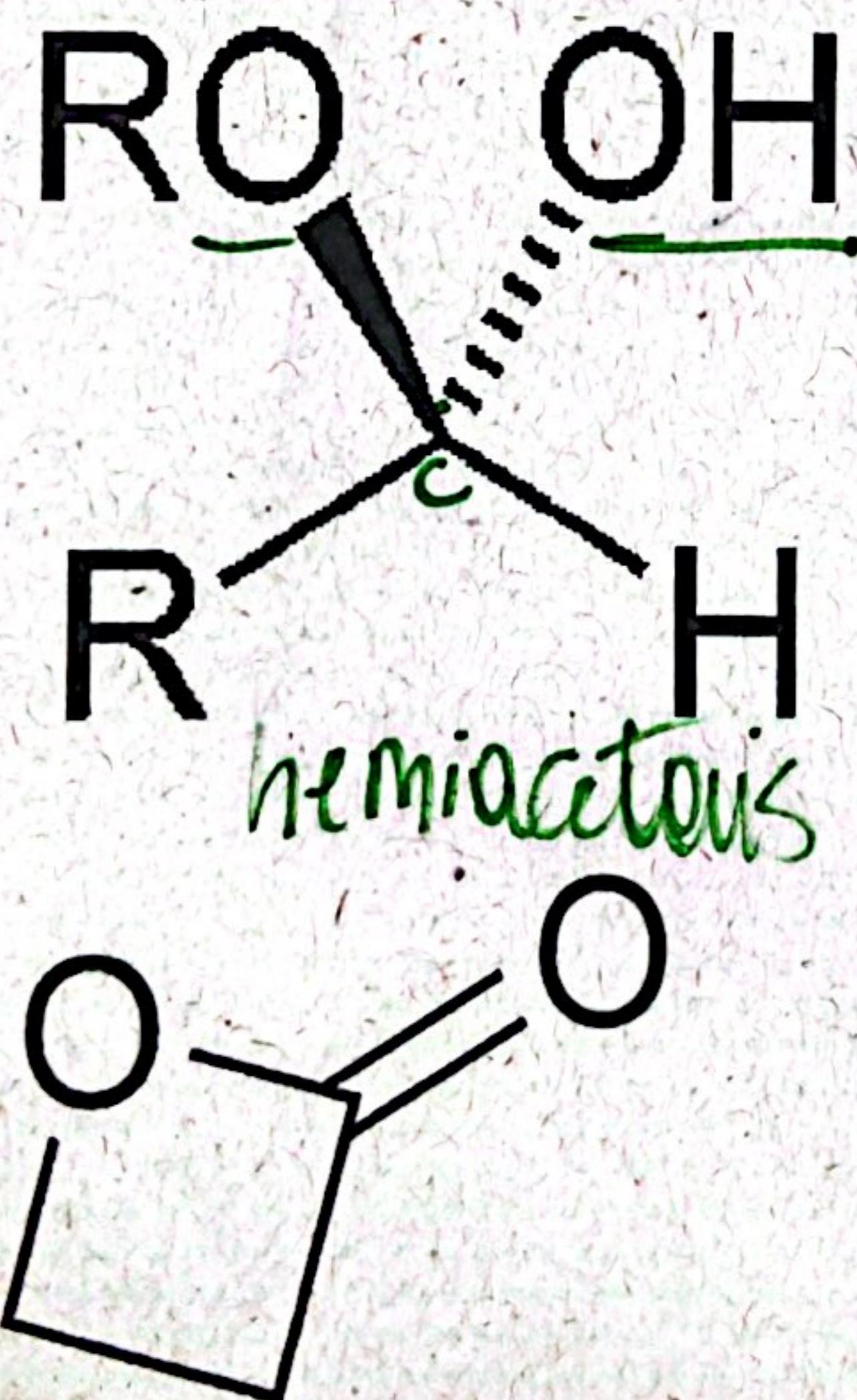
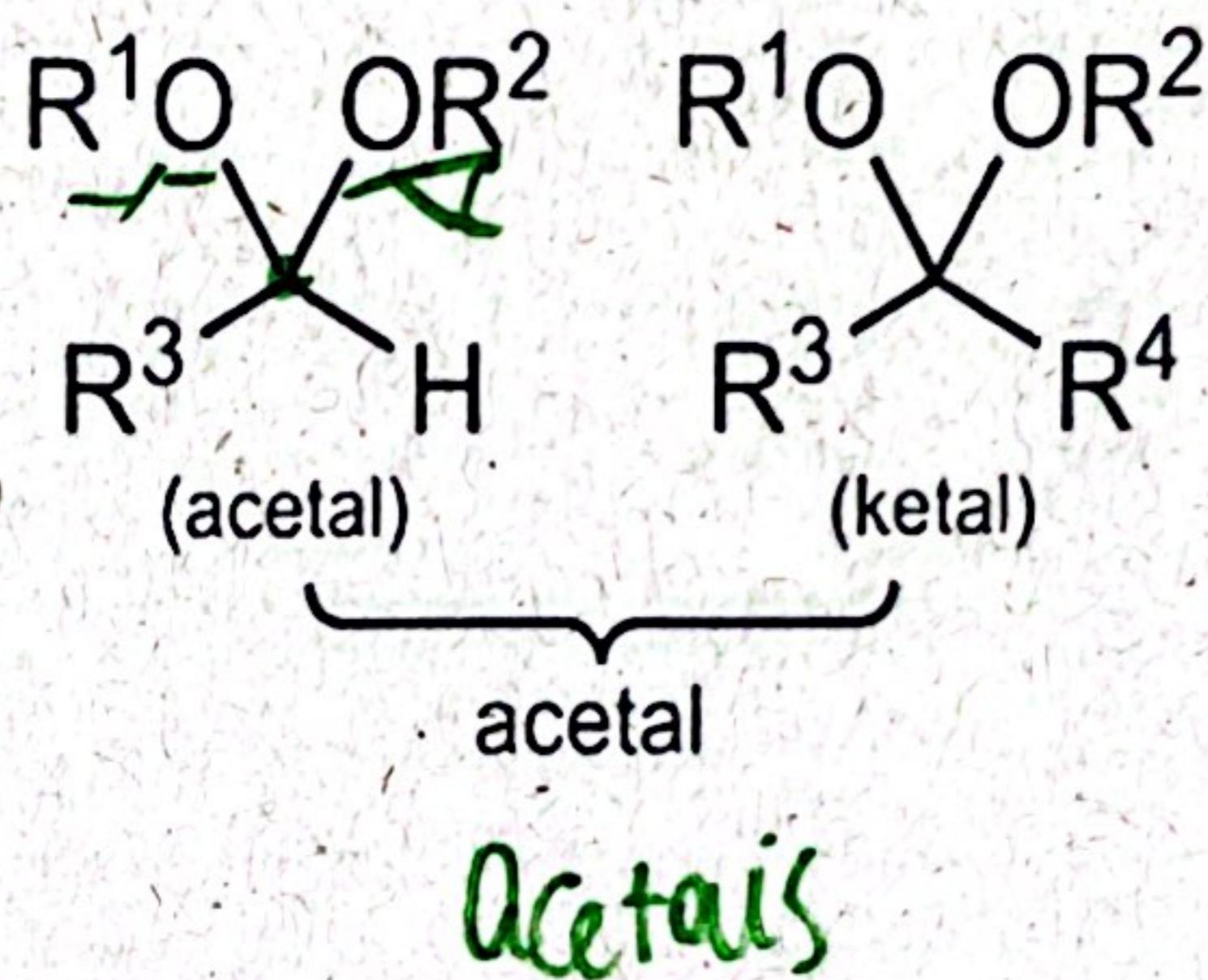
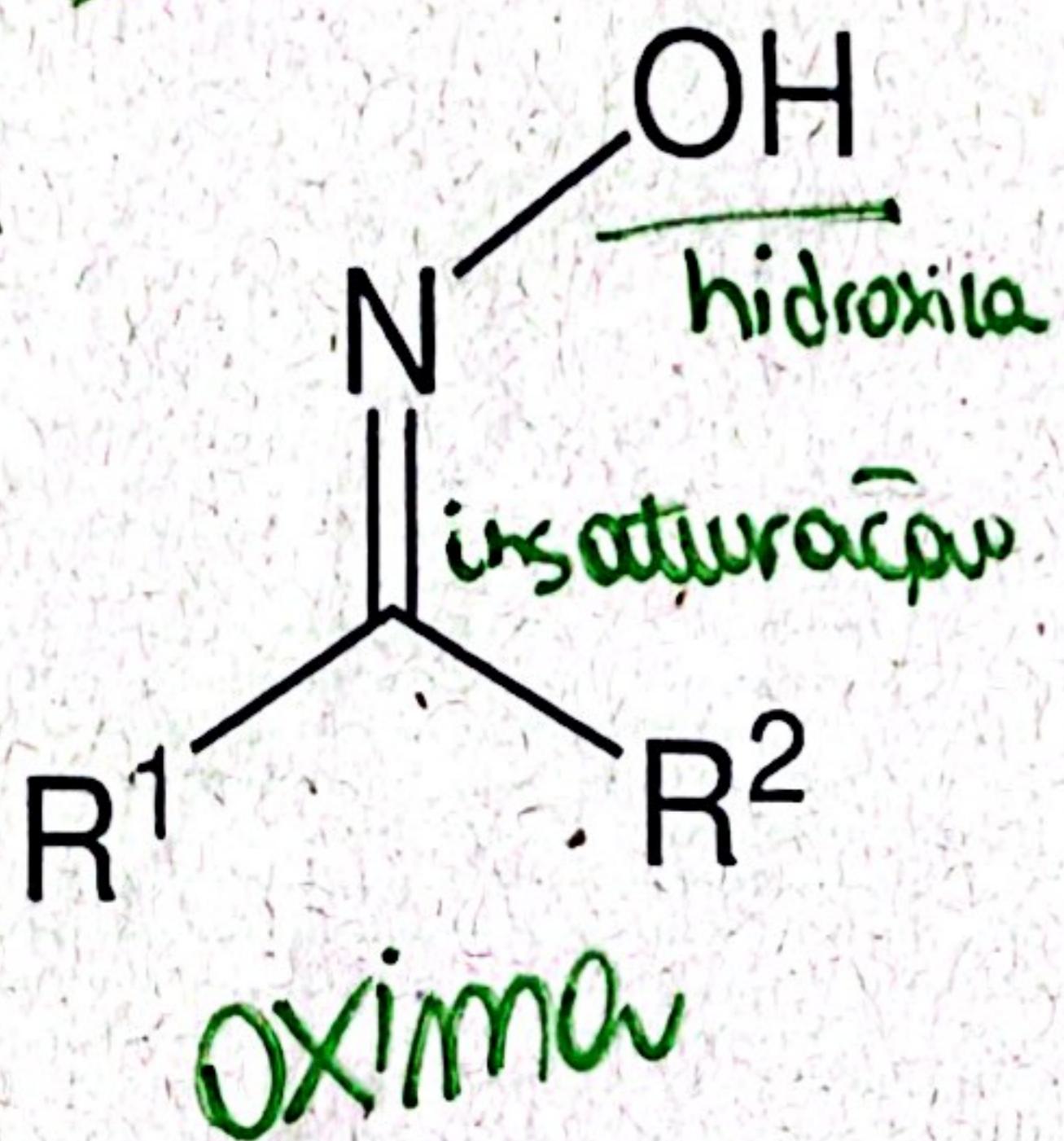
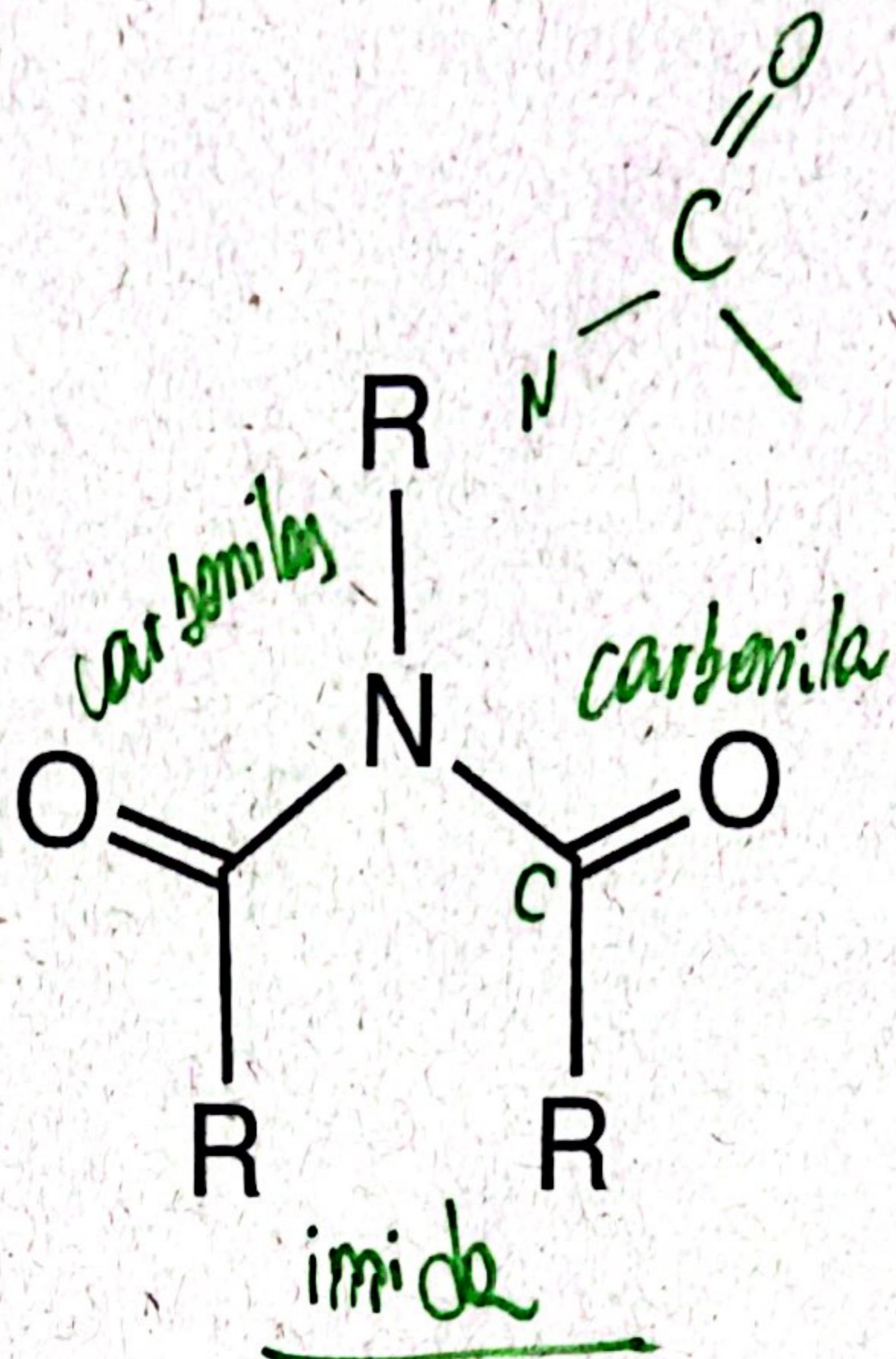
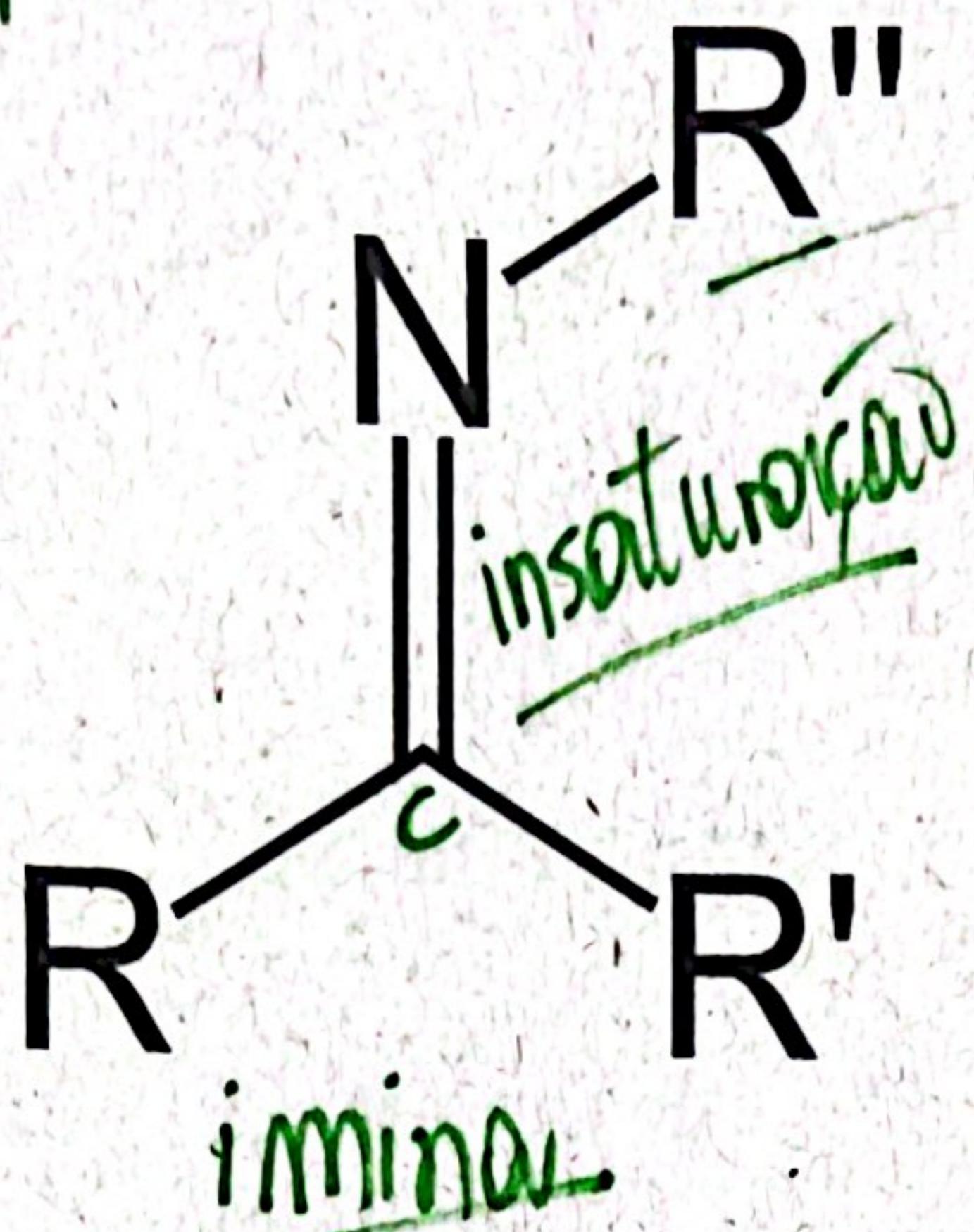
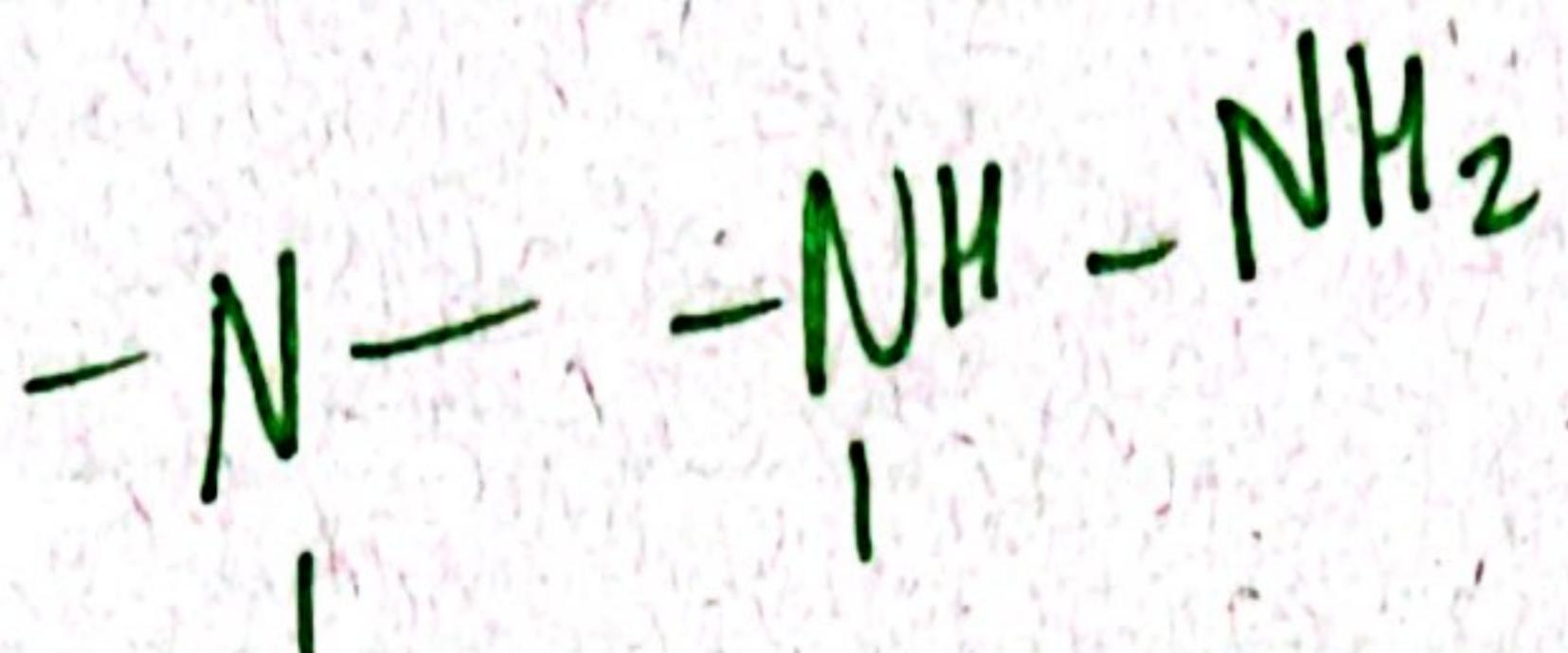
amidrindo propanoico

etanoico

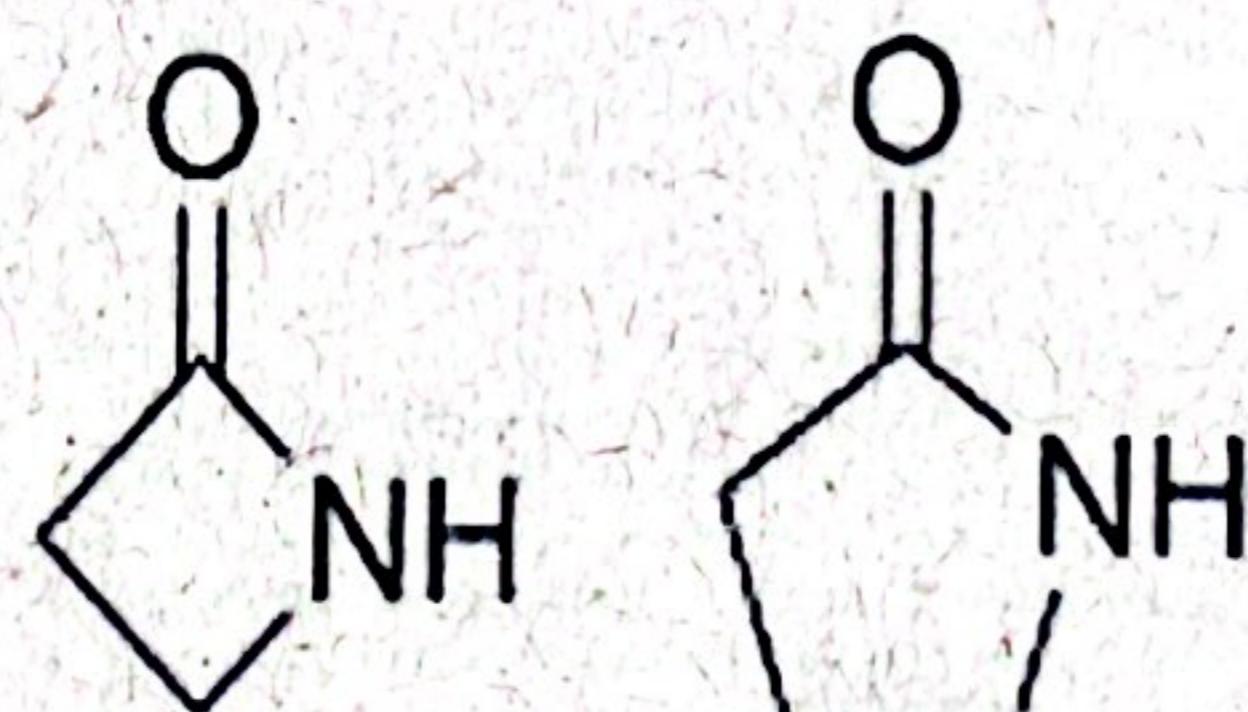


amidrindo propanoico

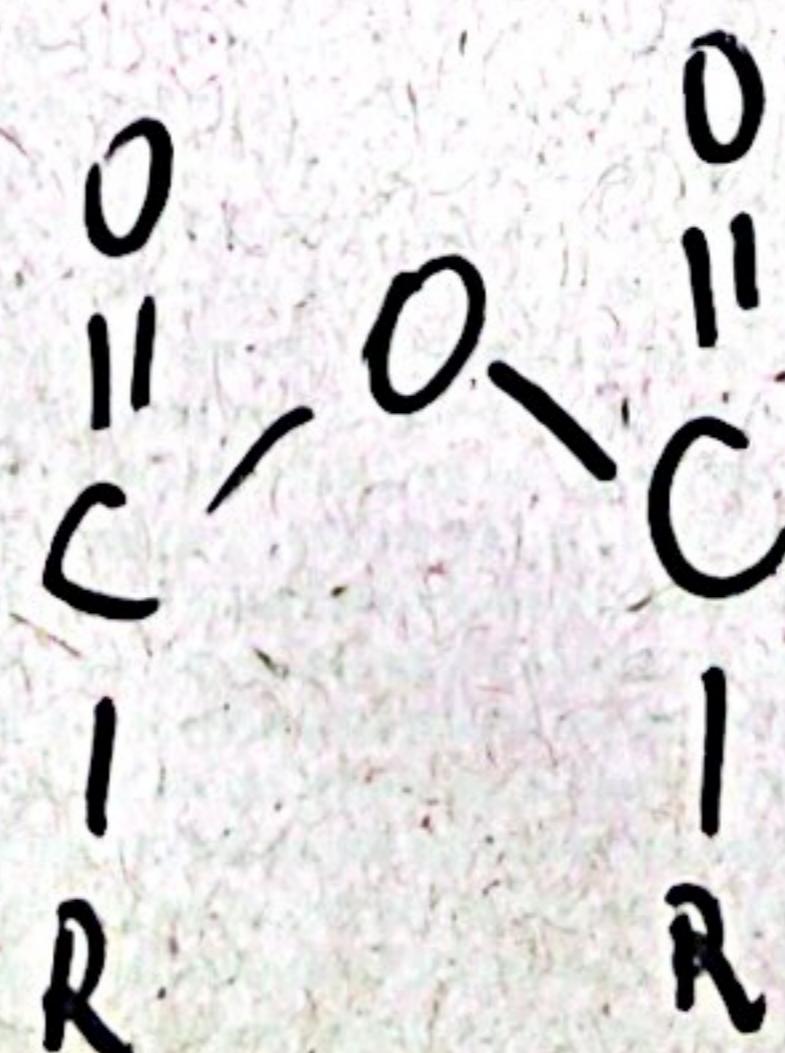




*lactona*



*lactama*

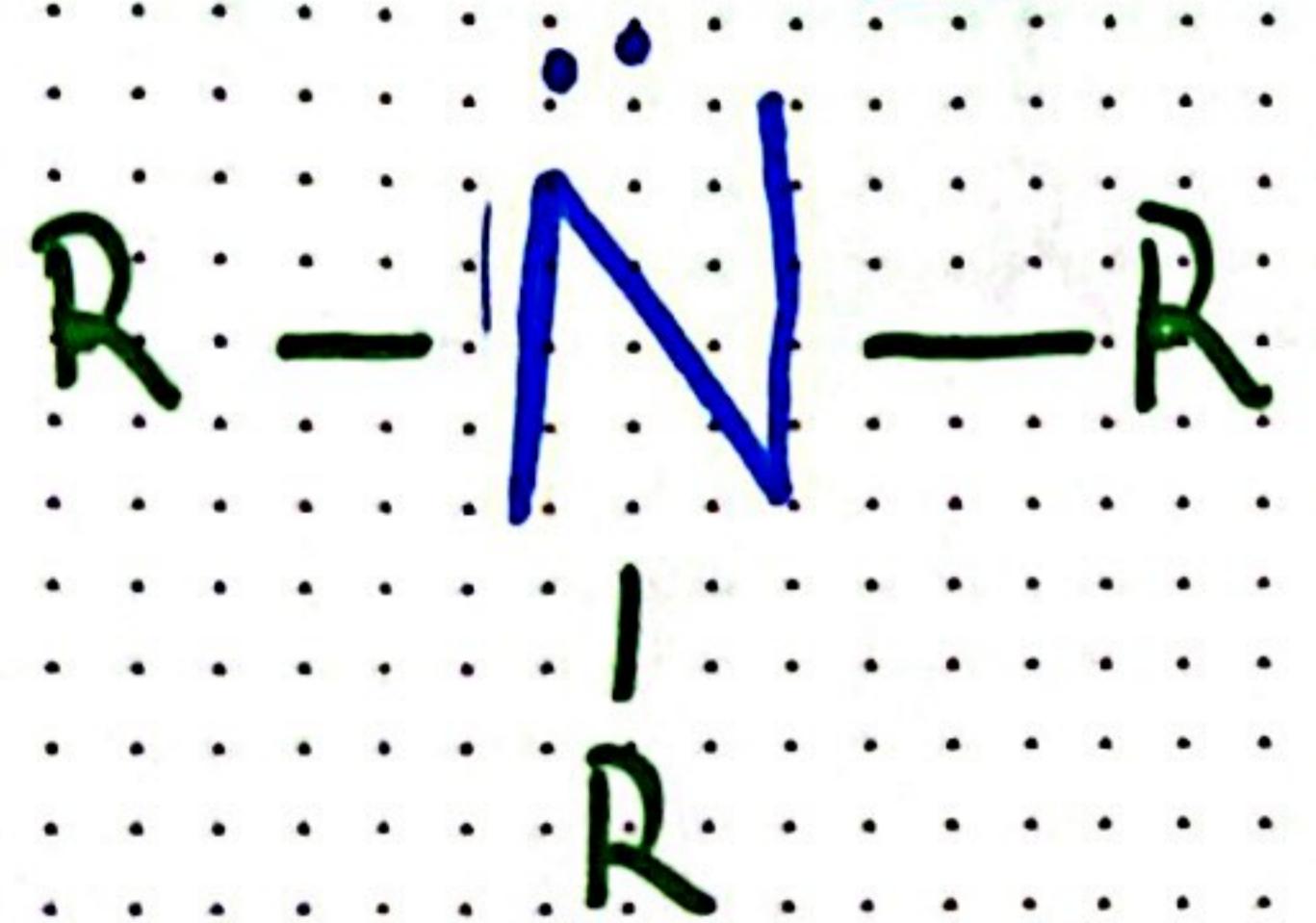


*anidrido*

Q S H

# Funções Nitrogenadas ( $\text{NH}_3$ )

## ① Aminas



Classificação <sup>Possíveis</sup>  
monosubstituídas  
no nitrogênio

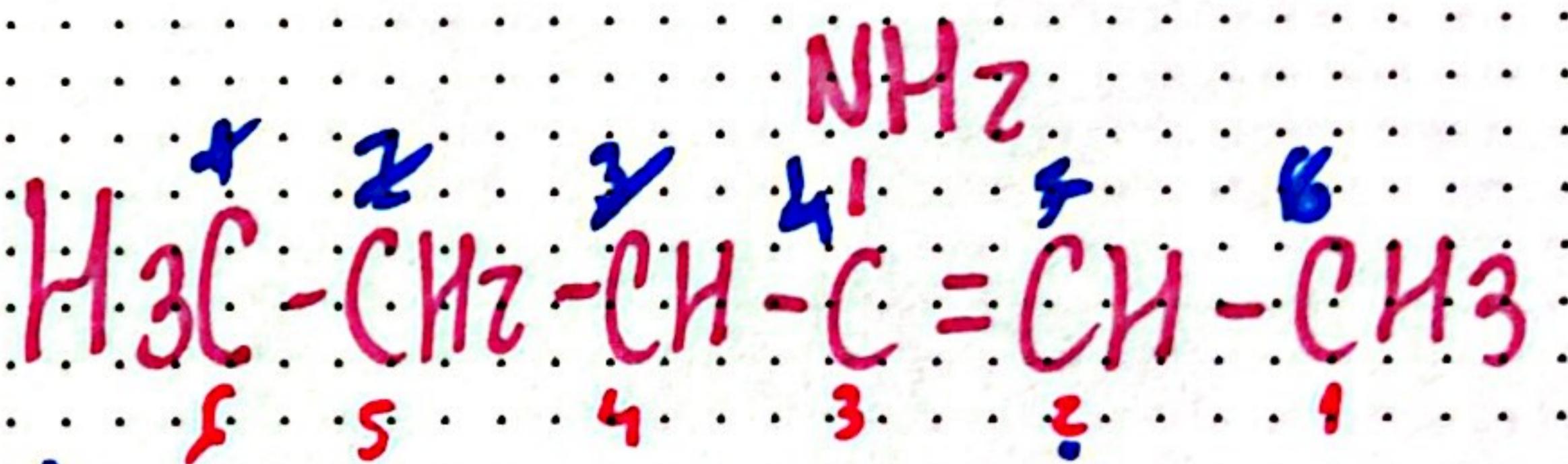
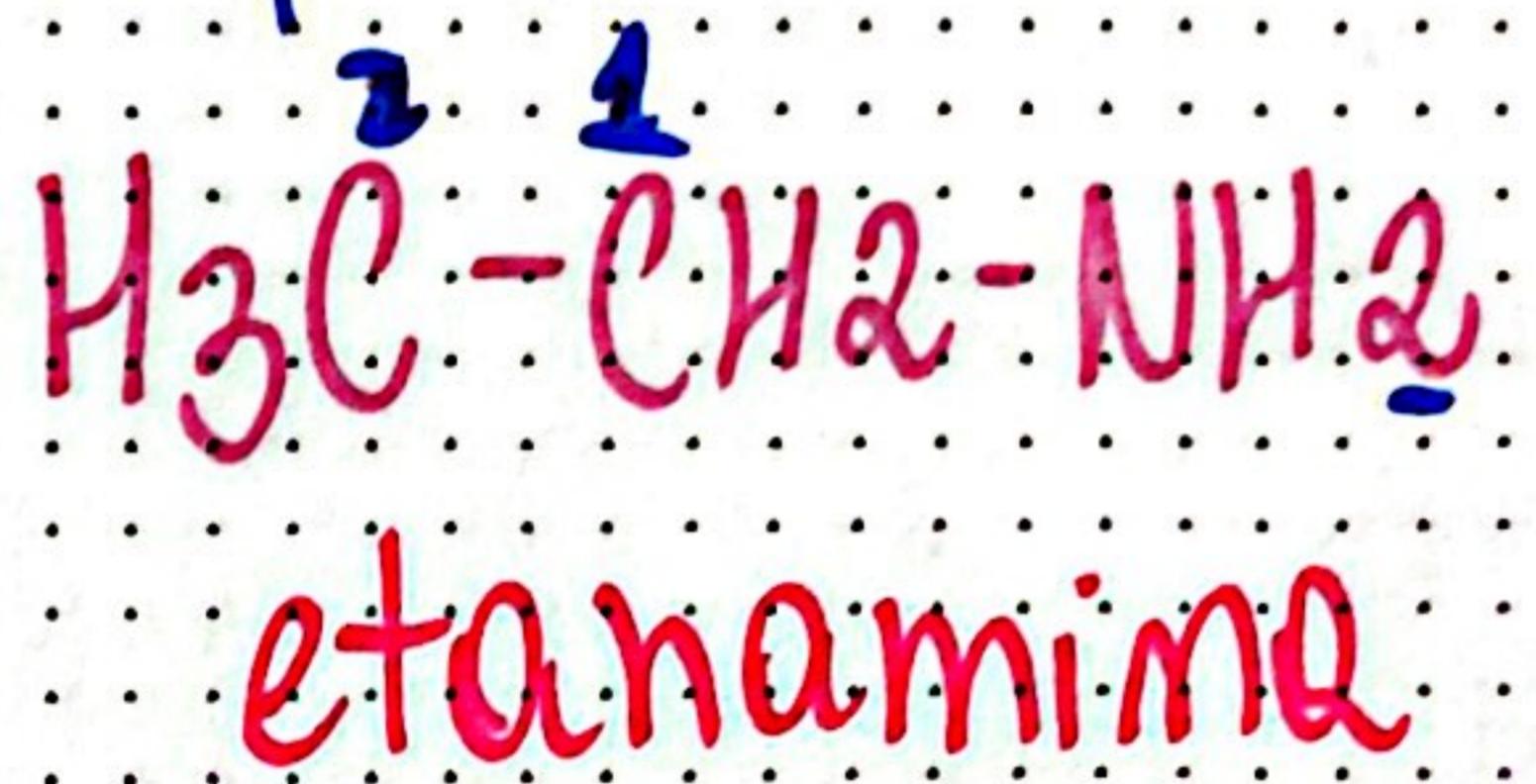
Primária:  $\text{R}-\text{NH}_2$  (monossubstituída)

Secundária:  $\text{R}-\text{NH}-\text{R}$  (di-substituída)

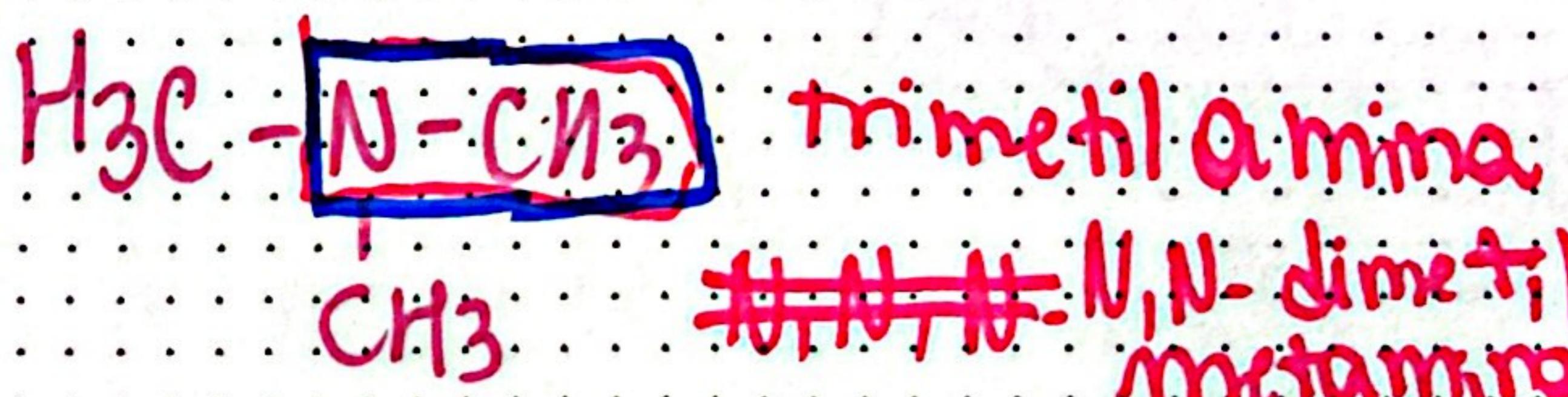
Terciária:  $\text{R}-\text{N}-\text{R}$  (tri-substituída)

## Nomenclatura

Sufixo: amina

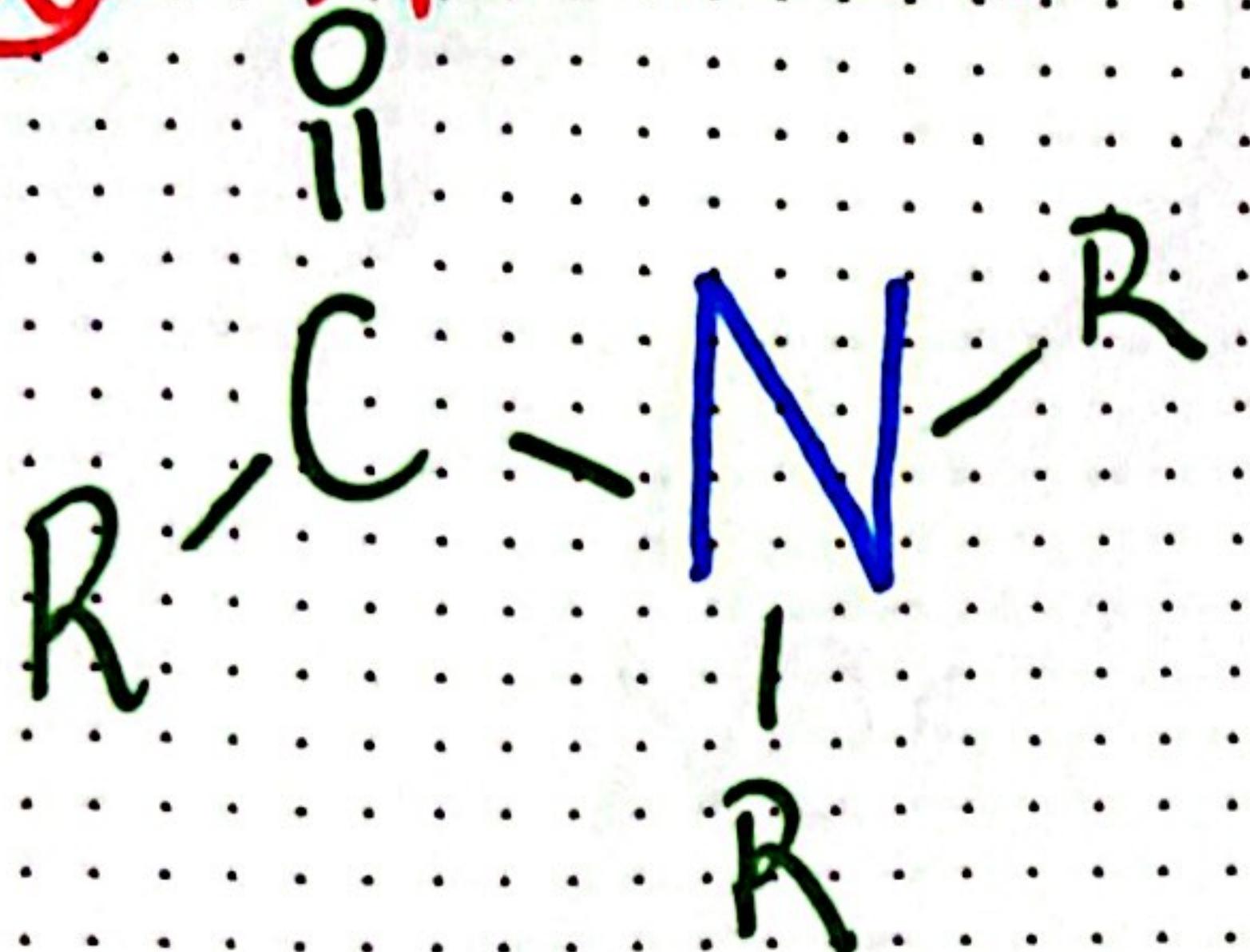


hex-2-en-3-amina



~~$\text{N}$~~  $\text{N}$ -dimetilmetamina

## ② Amidas



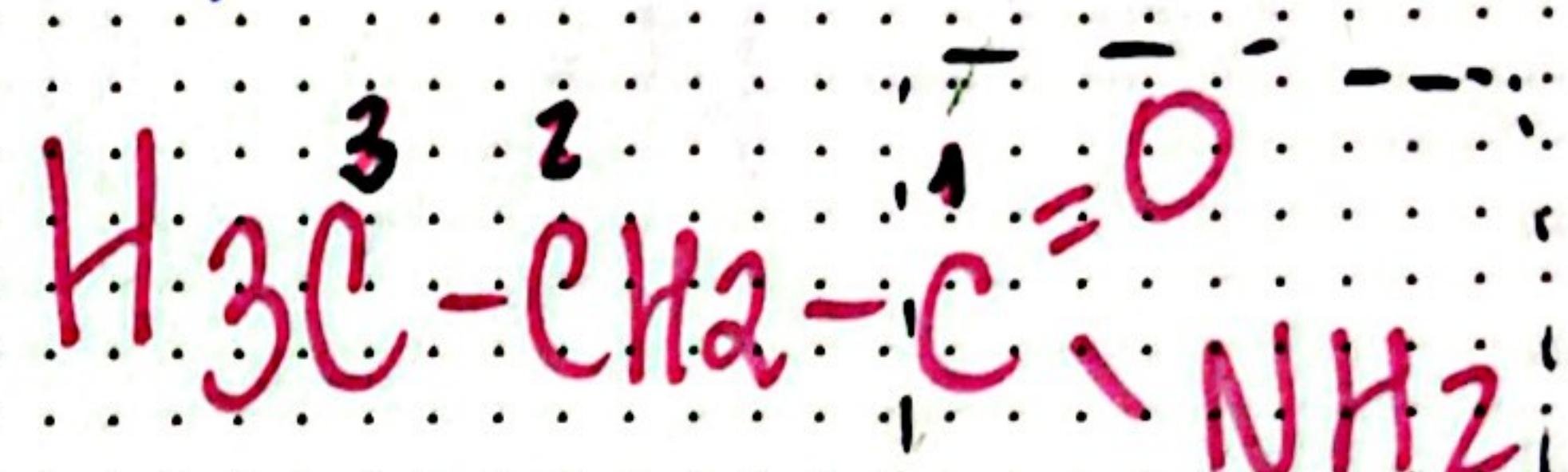
Classificações

Primária:  $\begin{array}{c} \text{O} \\ || \\ \text{R}-\text{C}-\text{NH}_2 \end{array}$

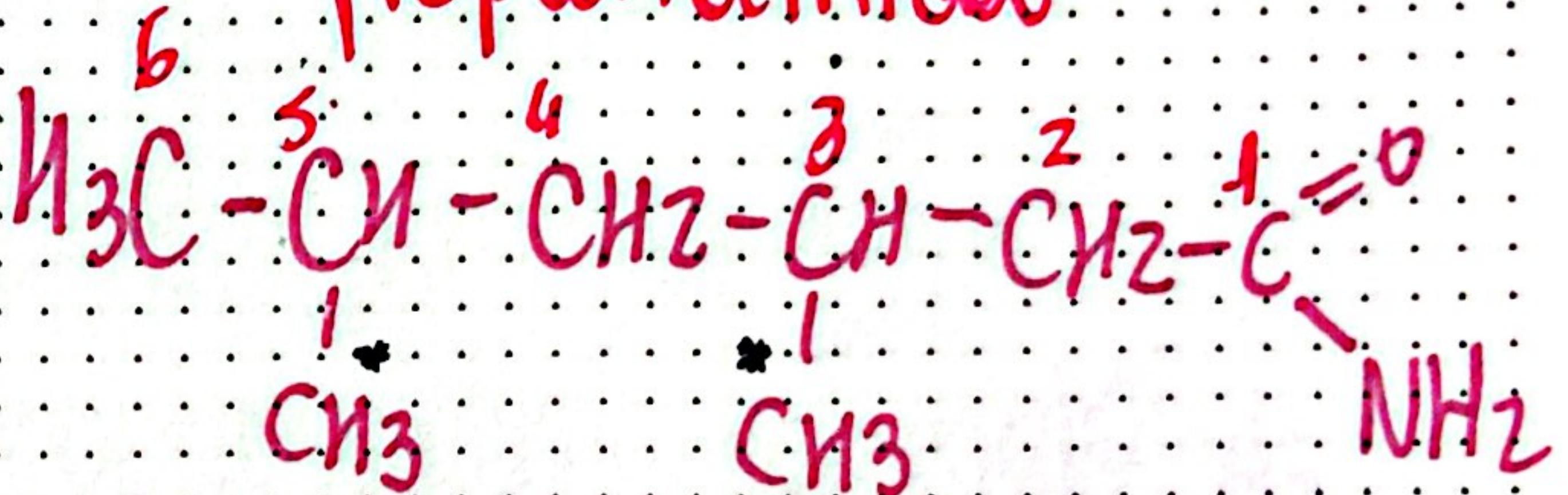
Secundária:  $\begin{array}{c} \text{O} \\ || \\ \text{R}-\text{C}-\text{NH}-\text{R} \end{array}$

Terciária:  $\begin{array}{c} \text{O} \\ || \\ \text{R}-\text{C}-\text{N}-\text{R} \end{array}$

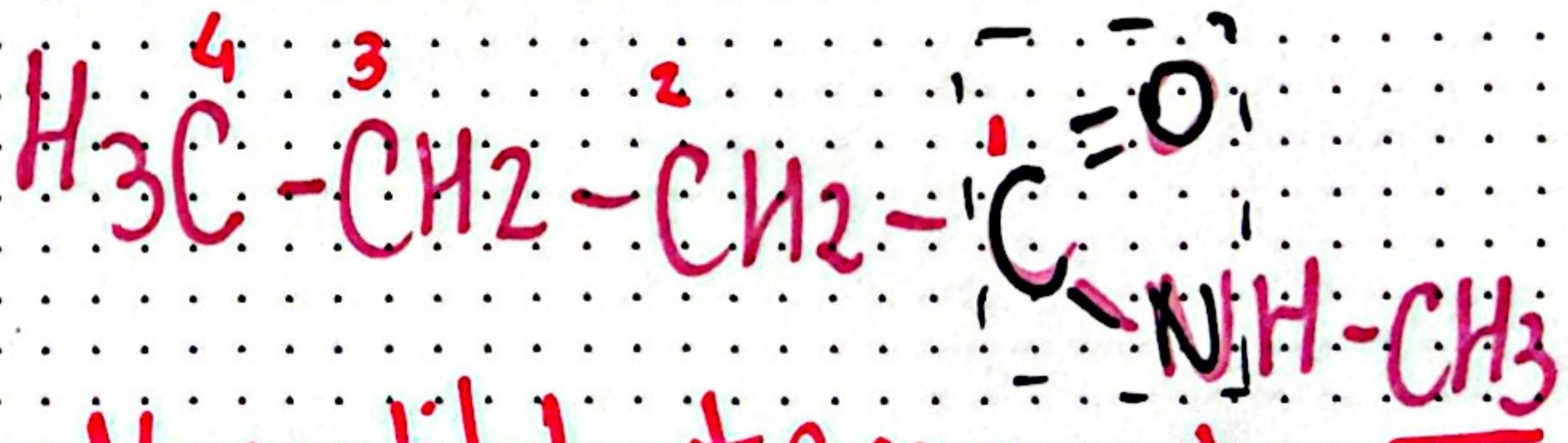
Nomenclatura  
Sufixo amida



propanamida

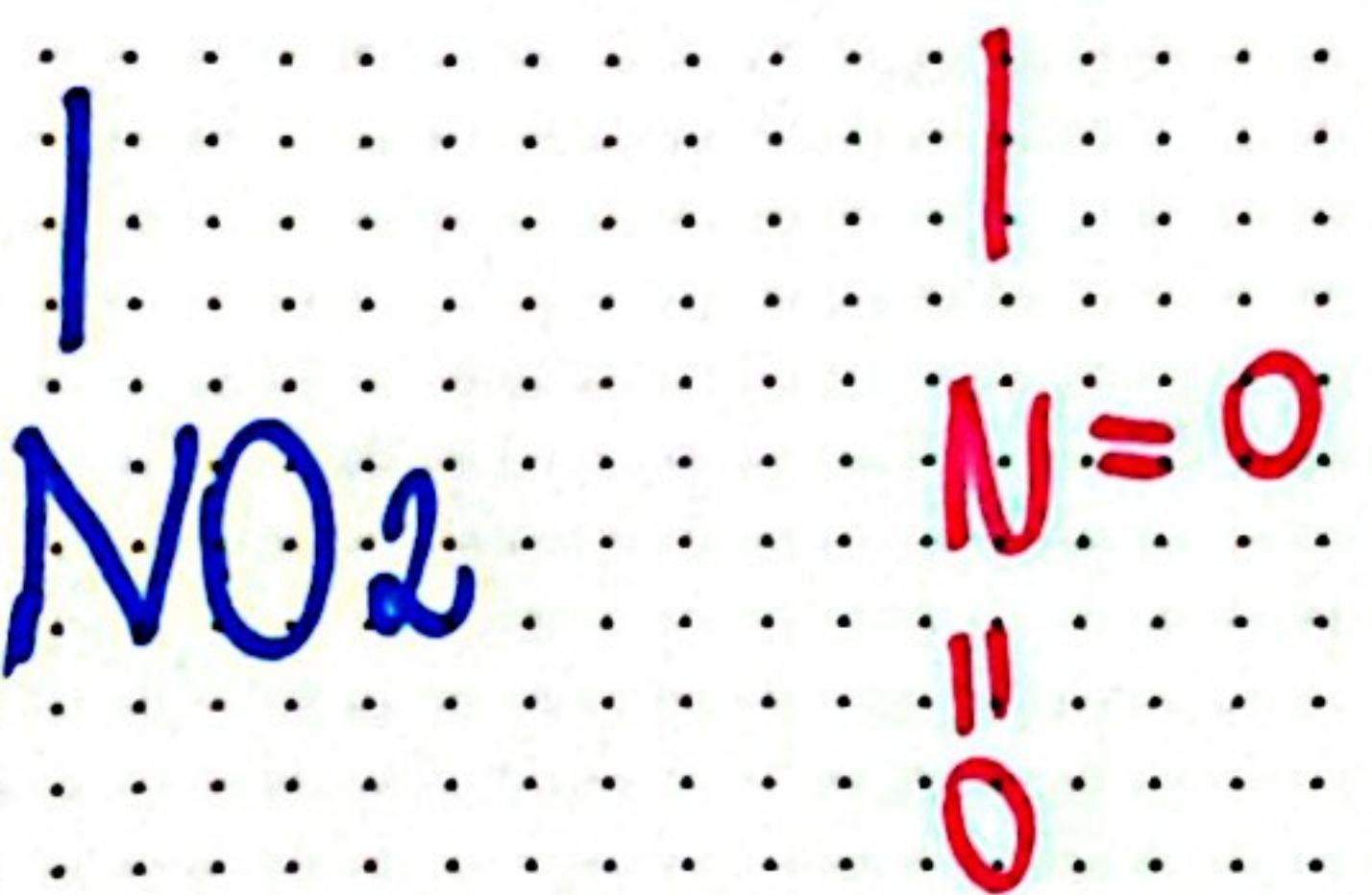


3,5 - dimetil hexanamida



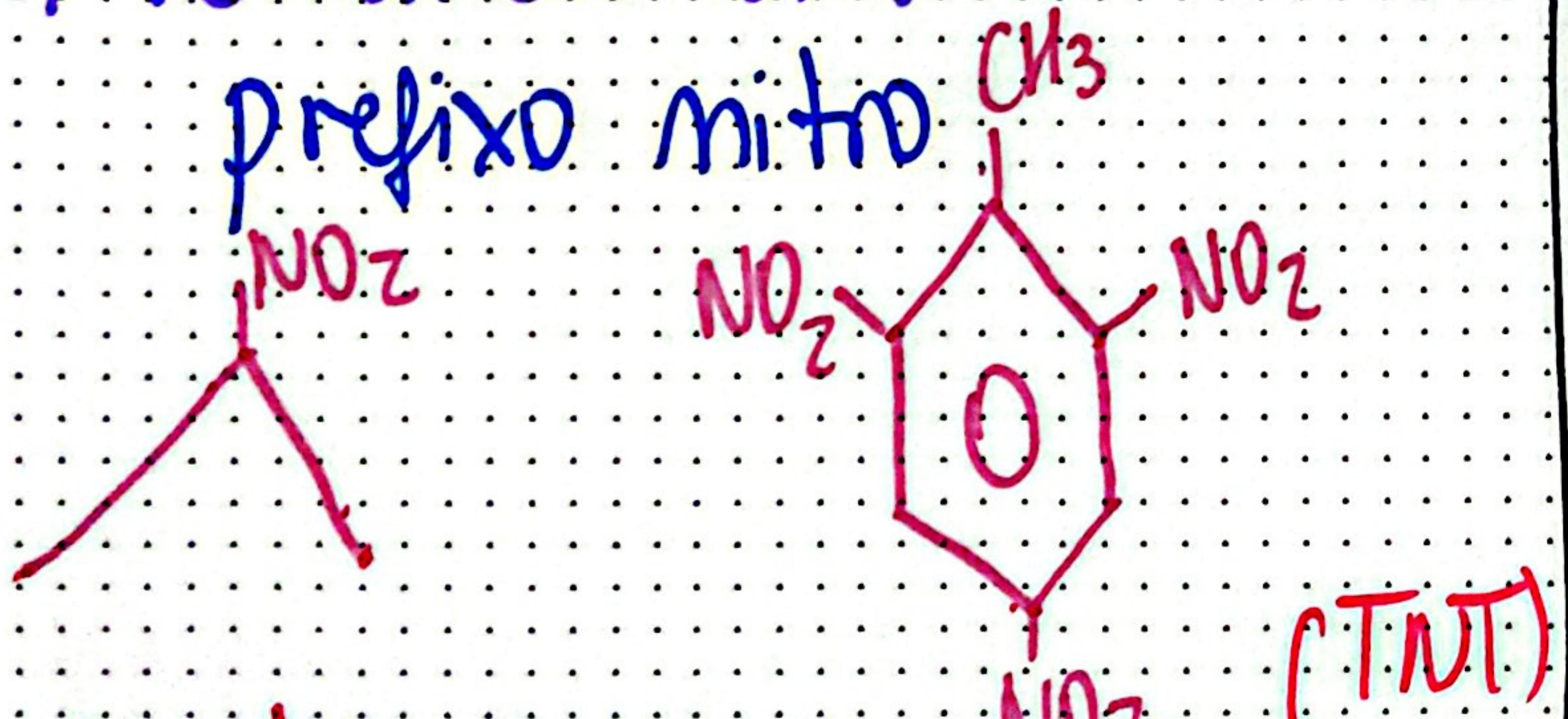
N-metil butanamida

### ③ Nitrocomposto



Nomenclatura:

prefixo nitro  $\text{CH}_3$



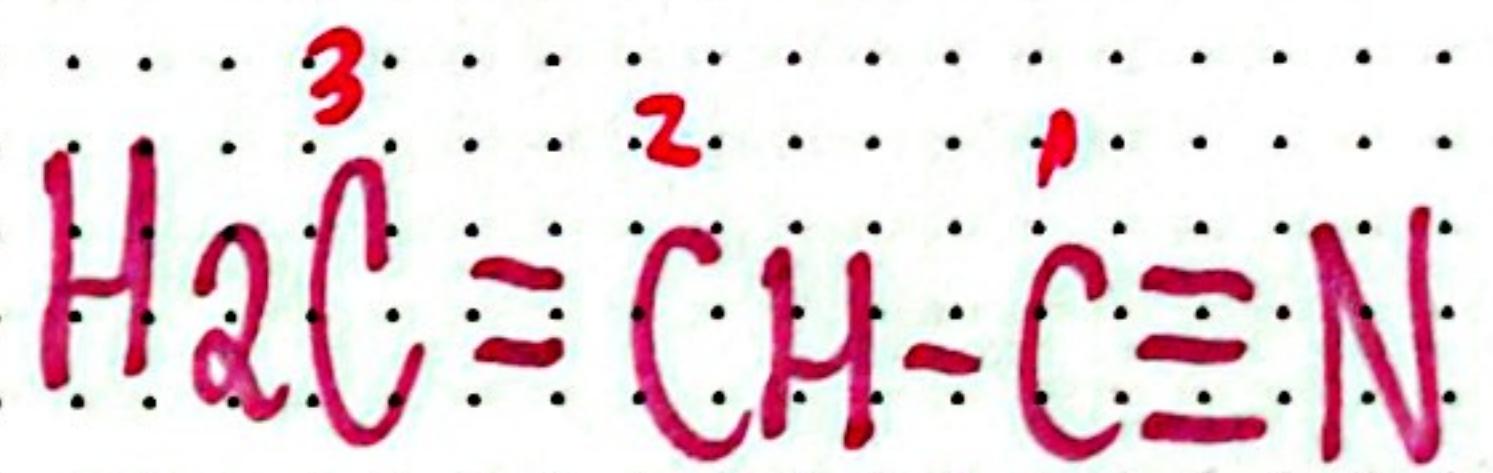
### ④ Nitrila (Cianeto)



Nomenclatura



etano nitrila | cianeto de  
metila



prop-2-enonitrila  
cianeto de vinila