

# QUÍMICA

com Pedro Nunes

Funções oxigenadas  
(parte 2)

# FUNÇÕES ORGÂNICAS OXIGENADAS

## ÉTER

São compostos que apresentam o oxigênio entre dois radicais orgânicos.



### NOMENCLATURA

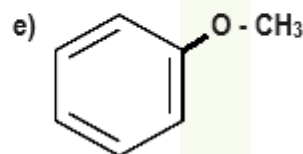
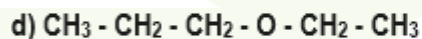
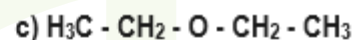
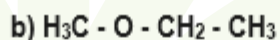
grupo menor

oxi

grupo maior

infixo  
tipo de ligação  
simples = an  
dupla = en  
tripla = in

o

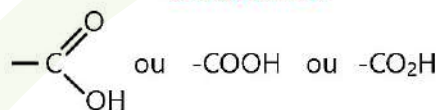


## ÁCIDOS CARBOXÍLICOS

São compostos orgânicos que apresentam um ou mais grupamentos carboxilas ligados a hidrogênio ou carbonos.



### CARBOXILA



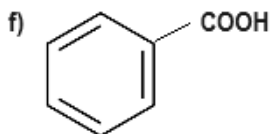
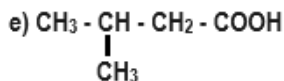
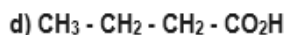
### NOMENCLATURA

ácido

prefixo

infixo  
tipo de ligação  
simples = an  
dupla = en  
tripla = in

oico



## ÉSTER

São compostos orgânicos que apresentam a fórmula geral igual a



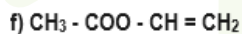
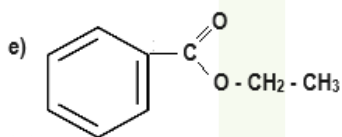
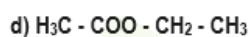
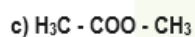
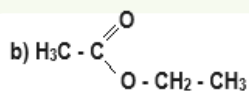
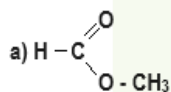
## NOMENCLATURA

hidrocarboneto  
correspondente  
ao grupo -COO

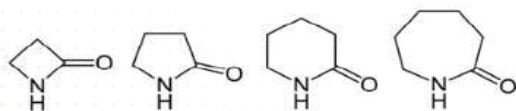
ato

de

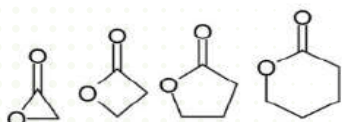
nome do  
radical



Cuidado com os ésteres cíclicos, são conhecidos como lactona



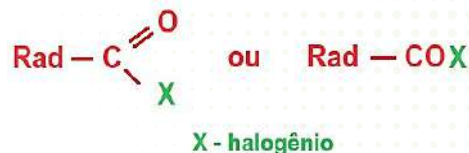
**lactama**



**lactona**

## HALETOS DE ACILA

São compostos orgânicos que apresentam a fórmula geral igual a



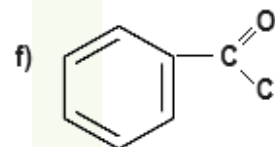
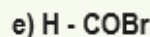
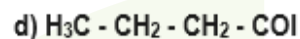
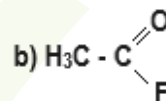
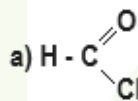
## NOMENCLATURA

nome do  
halogênio

+

eto

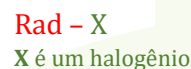
nome do  
radical acila



## DERIVADOS HALOGENADOS

### HALETOS DE ALQUILA

São compostos orgânicos que apresentam a fórmula geral igual a

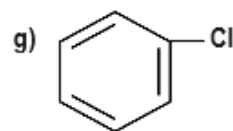
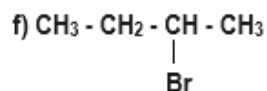
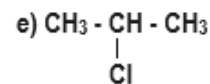
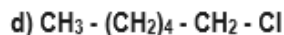


## NOMENCLATURA

nome do  
halogênio

+

nome do hidrocarboneto  
ligado ao halogênio





*Estamos juntos nessa!*



CURSO  
**FERNANDA PESSOA**  
ONLINE

TODOS OS DIREITOS RESERVADOS.