



**Dis-moi comment tu t'appelles...
et je te dirai qui tu es... (suite)**

Prof. Jean-Pierre Lepoittevin

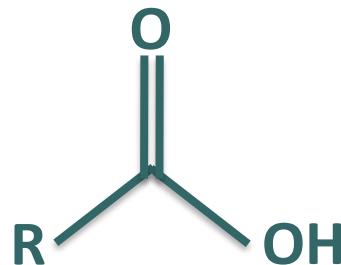


Réunion du REVIDAL-GERDA
Paris, 16 Janvier 2026

Nomenclature en Chimie

Fonction

Acide



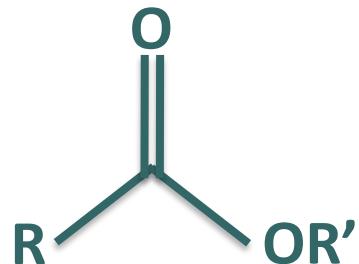
Préfixe

carboxy...

Suffixe

acide...oïque

Ester



...yloxycarbonyl...

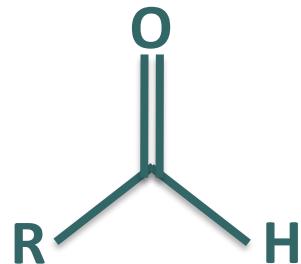
...oate de ... yle



Nomenclature en Chimie

Fonction

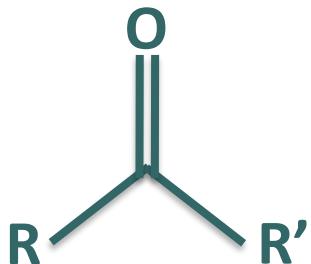
Aldéhyde



Préfixe

formyl...

Cétone

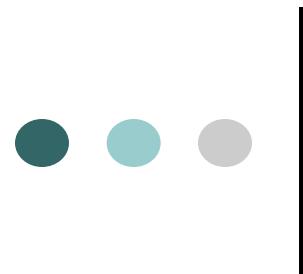


Suffixe

...al

...one





Nomenclature en Chimie

Fonction

Préfixe

Suffixe

Alcool

R-OH

hydroxyl...

...ol

Amines

R-NH₂

amino...

...amine



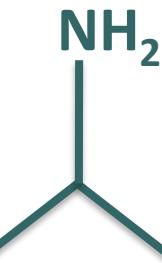
Nomenclature en Chimie



méthanamine



éthanamine



propan-2-amine



propan-1,3-diamine

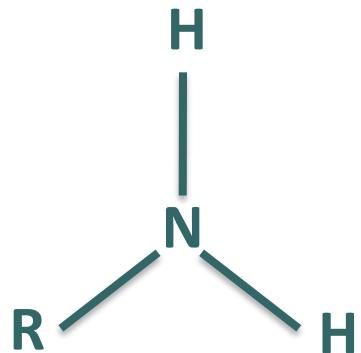


acide 4-aminobutanoïque

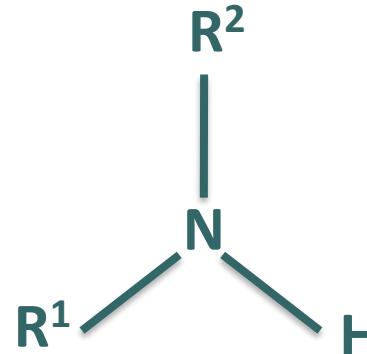




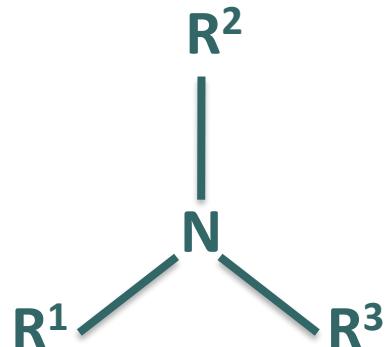
Nomenclature en Chimie



Amine primaire



Amine secondaire

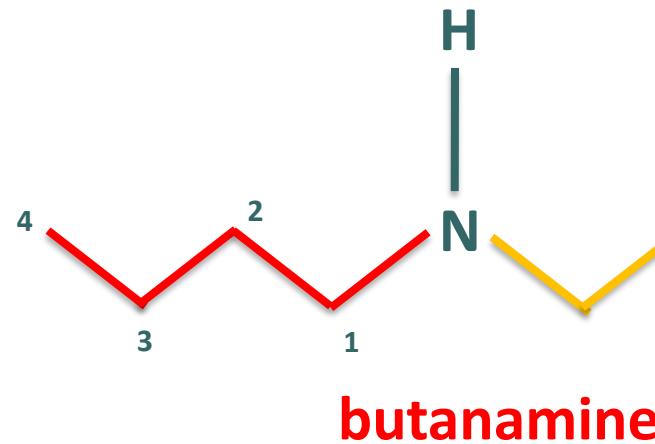


Amine tertiaire

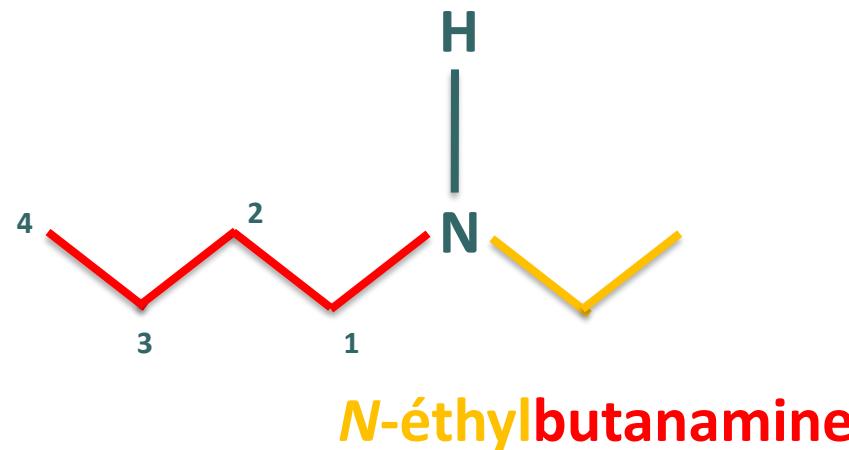


Nomenclature en Chimie

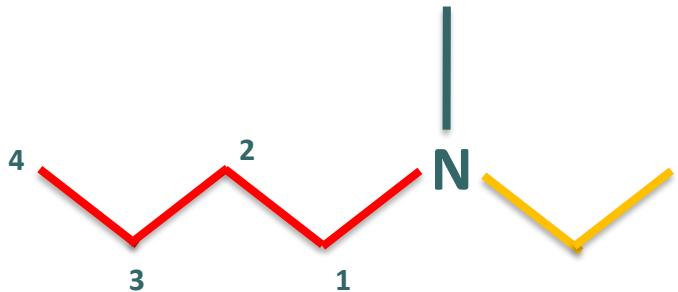
Chaîne principale



Chaîne secondaire



Nomenclature en Chimie



N-éthyl,*N*-méthylbutanamine

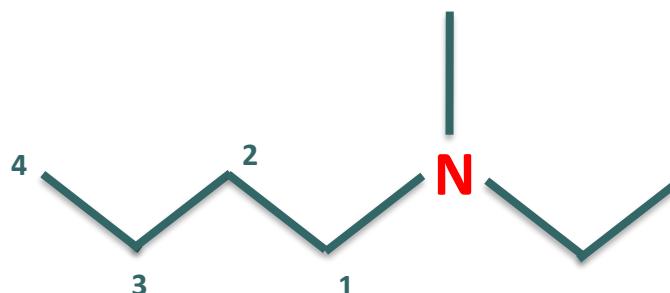


N,N-diméthylbutanamine



Nomenclature en Chimie

En pratique on verra souvent les substituants traités de la même manière avec l'utilisation de la terminaison **-yl**...



***N*-éthyl,*N*-méthylbutylamine**

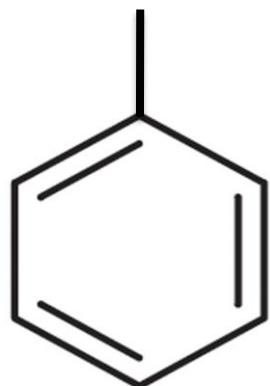


***N,N*-diméthylbutylamine**

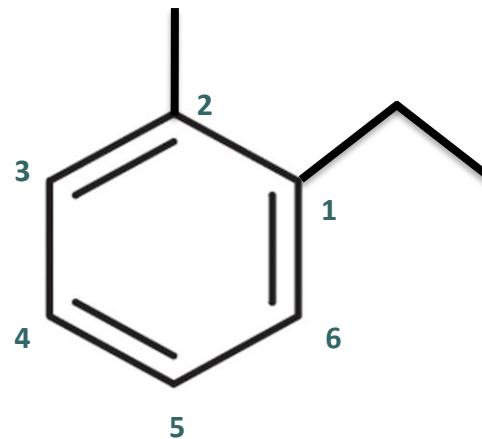


Nomenclature en Chimie

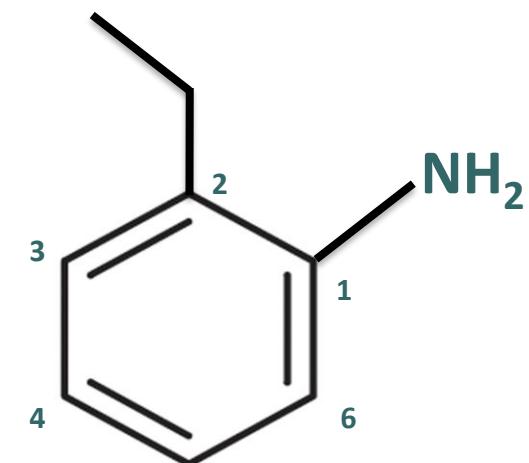
Sur les dérivés du benzène les différents groupes sont considérés comme des substituants et numérotés en respectant les règles habituelles...



méthylbenzène



1-éthyl-2-méthylbenzène

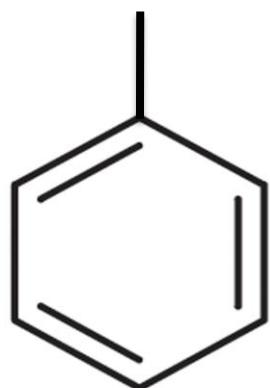


1-amino-2-éthylbenzène

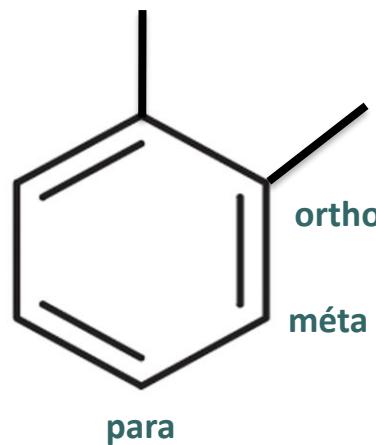


Nomenclature en Chimie

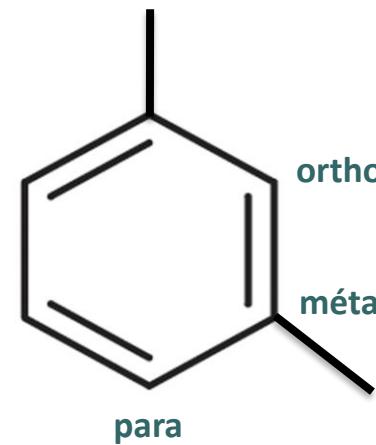
De nombreuses nomenclatures triviales subsistent...



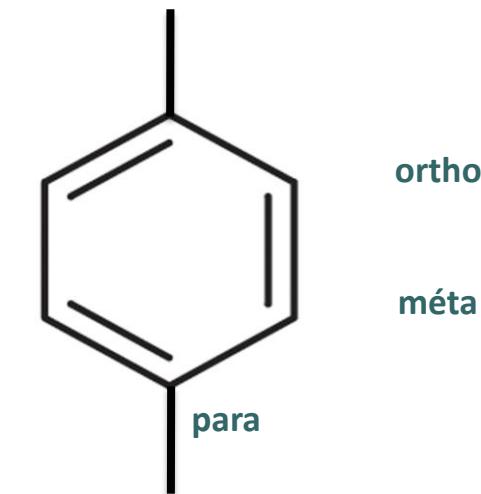
toluène



ortho-xylène



méta-xylène

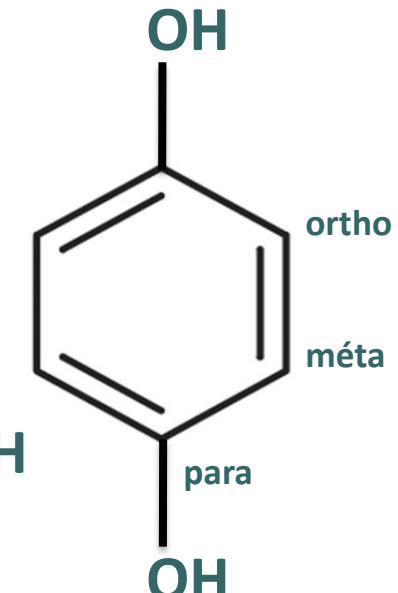
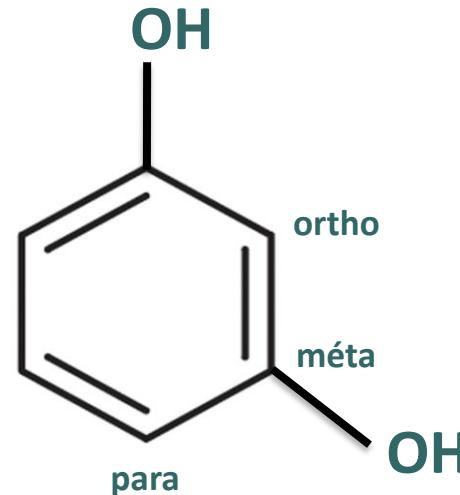
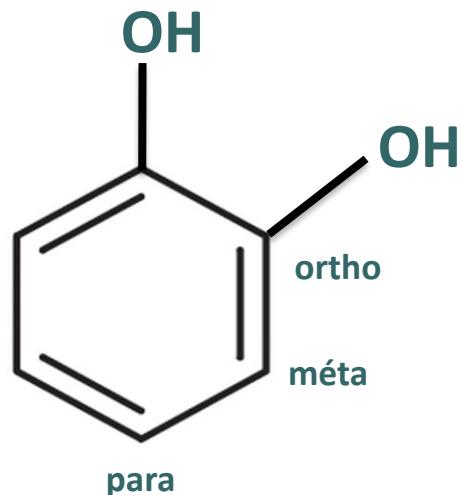
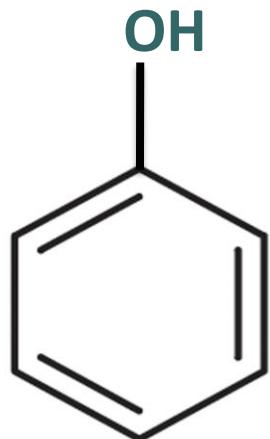


para-xylène



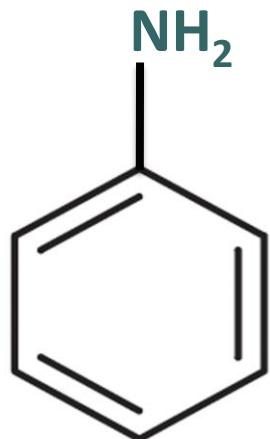
Nomenclature en Chimie

De nombreuses nomenclatures triviales subsistent...

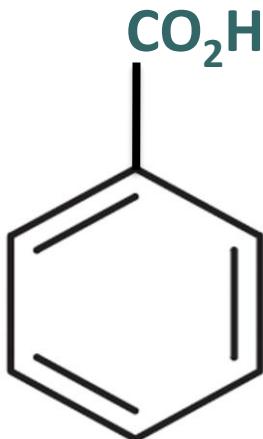


Nomenclature en Chimie

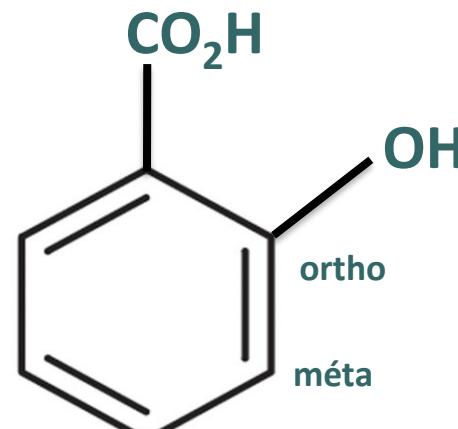
De nombreuses nomenclatures triviales subsistent...



aniline



acide benzoïque



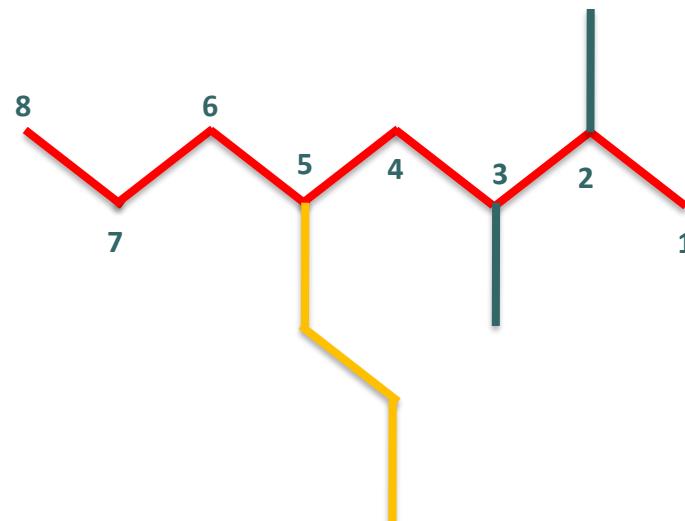
para
ortho
méta
acide salicylique





Exercices

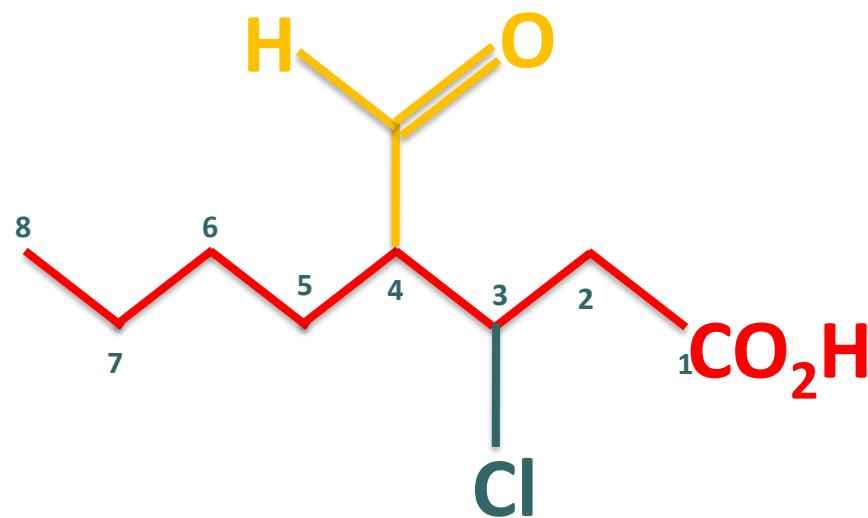
2,3-diméthyl-5-propyloctane





Exercices

Acide 3-chloro-4-formyloctanoïque





Exercices

3-hydroxylhexanoate d'éthyle

