
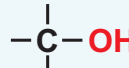

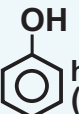
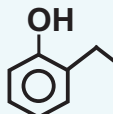
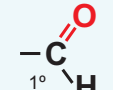
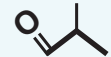
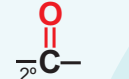
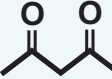
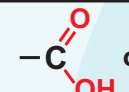
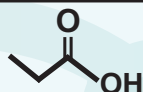
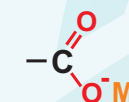
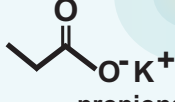
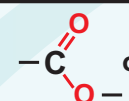
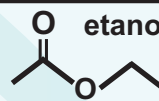

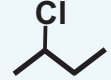
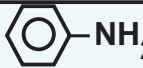

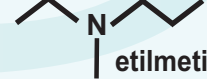
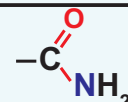
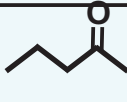
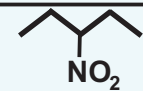

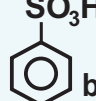
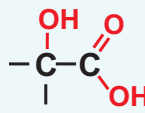
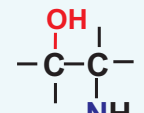
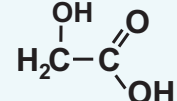
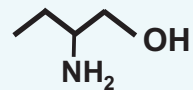




Função	Grupo Funcional	Exemplos	
Hidrocarboneto	C e H	CH ₄ metano	 2-penteno
Álcool	 C saturado	H ₃ C-OH metanol	 butan-1-ol
Fenol	-OH C aromático	 hidroxbenzeno (fenol)	 2-etilfenol 2-etilhidroxibenzeno α-etilfenol α-etilhidroxibenzeno
Aldeído	 C primário	H-C(=O)-H metanal	 2-metilpropanal
Cetona	 C secundário	H ₃ C-C(=O)-C ₂ H ₅ propanona (menor cetona)	 pentan-2,4-diona
Ácido Carboxílico	 ou -COOH	H-C(=O)-OH ácido metanóico ácido fórmico	 ácido propanóico
Sal de ácido carboxílico	 M = Metal	H-C(=O)-O ⁻ Na ⁺ metanoato de sódio	 propionato de potássio
Éster	 ou -COOC-	H-C(=O)-O-CH ₂ -CH ₃ metanoato de etila	 etanoato de etila acetato de etila
Éter	-O-	H ₃ C-O-CH ₃ metoximetano	 etoxietano éter dietílico
Haleto Orgânico	-C-X X = 7A (F, Cl, Br, I)	H ₃ C-CH ₂ -Br brometo de etila	 2-clorobutano
Amina	-NH ₂ Primária -NH Secundária -N Terciária	H ₃ C-NH ₂ metilamina H ₃ C-NH-CH ₃ dimetilamina H ₃ C-N-CH ₃ trimetilamina	 fenilamina aminobenzeno  etilpropilamina  etilmetilpropilamina
Amida		H ₃ C-C(=O)-NH ₂ etanamida	 butanamida
Nitrocomposto	-NO ₂	H ₃ C-CH ₂ -NO ₂ nitroetano	 3-nitropentano
Nitrila	-CN	H ₃ C-CN etanonitrila	 butanonitrila
Ácido Sulfônico	-SO ₃ H	H ₃ C-SO ₃ H ácido metanossulfônico	 ácido benzenossulfônico
Composto de Grinard	-MgX X = 7A (F, Cl, Br, I)	H ₃ C-Mg-Cl cloreto de metil magnésio	H ₃ C-CH ₂ -Mg-Br brometo de etil magnésio
Funções Mistas	 	 ácido 2-hidroxiutanóico	 2-amino-1-butanol

RESUMÃO

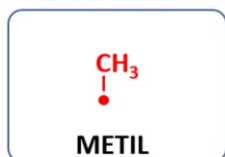
Nomenclatura Oficial IUPAC

ETANOL

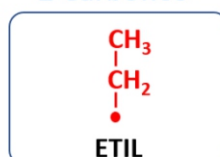
(PREFIXO) Nº DE CARBONOS	(INFIXO) LIGAÇÕES	(SUFIXO) FUNÇÃO
1 C → MET	Saturadas → AN	Hidrocarbonetos
2 C → ET	Insaturadas	O
3 C → PROP	1 dupla EN	Álcool (Enol)
4 C → BUT	2 duplas DIEN	OL
5 C → PENT	3 duplas TRIEN	Aldeído
6 C → HEX	-----	AL
7 C → HEPT	1 tripla IN	Cetona
8 C → OCT	2 triplas DIIN	ONA
9 C → NON	3 triplas TRIIN	Ácido carboxílico
10 C → DEC	-----	ÓICO
11 C → UNDEC	1 dupla e 1 tripla ENIN	

RADICAIS

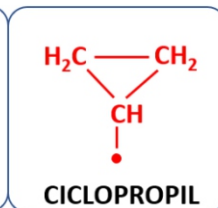
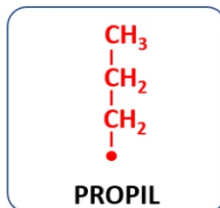
1 Carbono



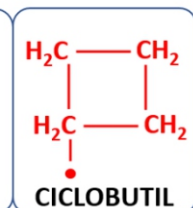
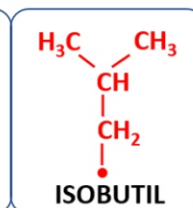
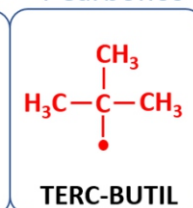
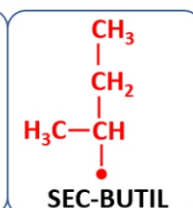
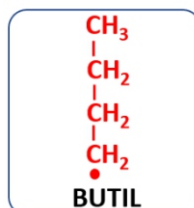
2 Carbonos



3 Carbonos



4 Carbonos



outros

