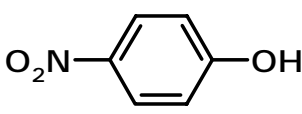
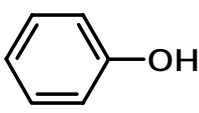


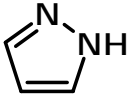
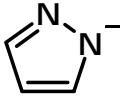
pK_a de Moléculas

Ácido Carboxílicos



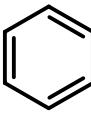
Nombre	Ácido	Base conjugada	pK _a
Ac. Trifluoroacético	CF ₃ CO ₂ H	CF ₃ CO ₂ ⁻	-0.6
Ac. Tricloroacético	CCl ₃ CO ₂ H	CCl ₃ CO ₂ ⁻	-0.5
Ac. Oxálico	HO ₂ CCO ₂ H	HO ₂ CCO ₂ ⁻	1.25
Ac. Dicloroacético	Cl ₂ CHCO ₂ H	Cl ₂ CHCO ₂ ⁻	1.35
Ac 2-fluoroacético	FCH ₂ CO ₂ H	FCH ₂ CO ₂ ⁻	2.6
Ac. 2-cloroacético	ClCH ₂ CO ₂ H	ClCH ₂ CO ₂ ⁻	2.86
Ac. Fórmico	HCO ₂ H	HCO ₂ ⁻	3.75
Ac. Benzoico	PhCO ₂ H	PhCO ₂ ⁻	4.2
Ac. Acético	CH ₃ CO ₂ H	CH ₃ CO ₂ ⁻	4.76
Ac. Benzoico	PhCO ₂ H (en DMSO)	PhCO ₂ ⁻	11.0
A. Acético	CH ₃ CO ₂ H (en DMSO)	CH ₃ CO ₂ ⁻	12.3

Alcoholes y aminas

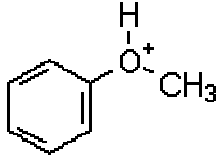
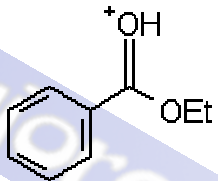
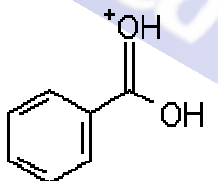
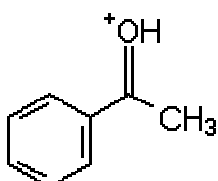
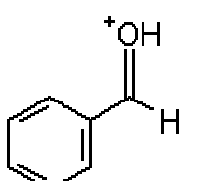
Nombre	Ácido	Base conjugada	pK _a
p-Nitrofenol		p-Nitrofenóxido	7.2
Fenol		Fenóxido	10.0
Etil mercaptano	EtSH	EtS ⁻	10.6
2,2,2-trifluoroetanol	CF ₃ CH ₂ OH	CF ₃ CH ₂ O ⁻	12.4

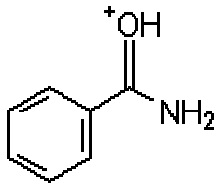
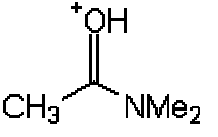
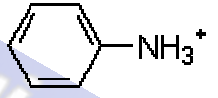
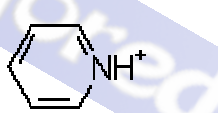
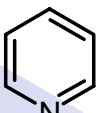
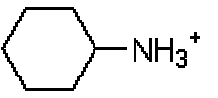
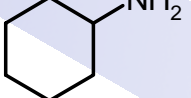
Imidazol			14.5
Metanol	CH ₃ OH	CH ₃ O ⁻	15.5
Etanol	CH ₃ CH ₂ OH	CH ₃ CH ₂ O ⁻	15.9
Isopropanol	(CH ₃) ₂ CHOH	(CH ₃) ₂ CHO ⁻	17.1
<i>tert</i> -butanol	(CH ₃) ₃ COH	(CH ₃) ₃ CO ⁻	17.2
Difenilamina	Ph ₂ NH (DMSO/H ₂ O)	Ph ₂ N ⁻	22.4
Isopropilamina	ⁱ Pr ₂ NH (THF)	ⁱ Pr ₂ N ⁻	35.7
Amoniac	NH ₃	NH ₂ ⁻	41

Hidrocarburos

Nombre	Acido	Base conjugada	pK _a
Ciclopentadieno			18.1
Acetileno	HCECH	HCEC ⁻	25
Trifenilmetano	Ph ₃ CH	Ph ₃ C ⁻	30.6
Difenilmetano	Ph ₂ CH ₂	Ph ₂ CH ⁻	32.3
Tolueno	PhCH ₃	PhCH ₂ ⁻	43
Benceno		Ph ⁻	43
Eteno	CH ₂ =CH ₂	CH ₂ =CH ⁻	44
Propeno	CH ₃ CH=CH ₂	⁻ CH ₂ -CH=CH ₂	48
Etano	CH ₃ -CH ₃	⁻ CH ₂ -CH ₃	50
Metano	CH ₄	⁻ CH ₃	58-60

Moléculas diversas protonadas

Acido	Base conjugada	Nombres	pK _a
Me ₂ SH ⁺	Me ₂ S	Sulfuro de dimetilo	-6.99
	PhOCH ₃	Fenilmetiléter	-6.5
	PhCOOEt	Benzoato de etilo	-6.2
	PhCOOH	Ácido Benzoico	-4.7
	PhCOCH ₃	Acetofenona	-4.3
	PhCHO	Benzaldehído	-3.9
Me ₂ OH ⁺	MeOMe	Dimetil éter	-3.8
(CH ₃) ₂ C=OH ⁺	CH ₃ COCH ₃	Acetona	-2.85
CH ₃ OH ₂ ⁺	CH ₃ OH	Metanol	-2.5

	PHCONH ₂	Benzamida	-1.74
(CH ₃) ₂ S=OH ⁺	CH ₃ SOCH ₃	DMSO	-1.5
	CH ₃ CON(CH ₃) ₂	N,N-dimetilacetamida	0.1
	PhNH ₂	Anilina	4.6
		Piridina	5.2
		Ciclohexilamina	10.7
Et ₃ NH ⁺	Et ₃ N	Trietilamina	10.8
Et ₂ NH ₂ ⁺	Et ₂ NH	Dietilamina	11.0