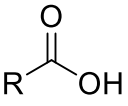
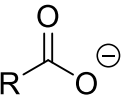
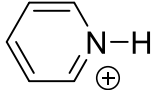
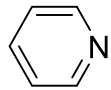
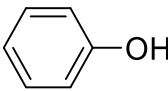
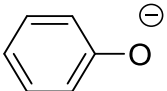
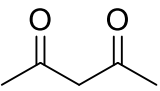
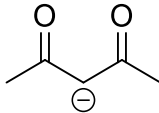
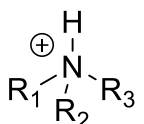
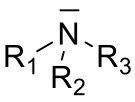
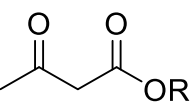
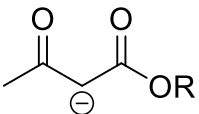
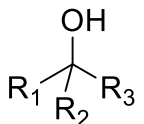
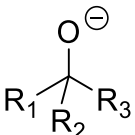
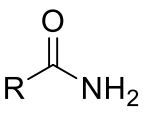
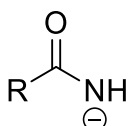
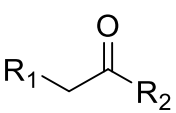
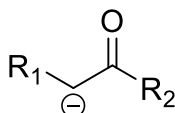
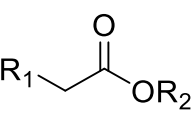
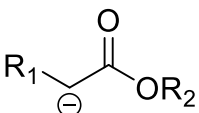
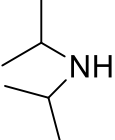
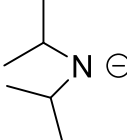


Liste complète pKa

Acide	Base	pKa	Nomenclature	
HI	I ⁻	-10	Acide iodhydrique/ion iodure	Milieu non aqueux
HBr	Br [⊖]	-9	Acide bromhydrique/ion bromure	
HClO ₄	ClO ₄ ⁻	-7	Acide perchlorique/ion perchlorate	
ArSO ₃ H	ArSO ₃ [⊖]	-6,5	Acide sulfonique/ion sulfonate	
HCl	Cl [⊖]	-3,7	Acide chlorhydrique/ion chlorure	
H ₂ SO ₄	HSO ₄ [⊖]	-3,0	Acide sulfurique/ion hydrogénosulfate	
HNO ₃	NO ₃ [⊖]	-1,3	Acide nitrique/ion nitrate	
H ₃ O ⁺	H ₂ O	0	Ion hydronium/eau	
HBrO ₃	BrO ₃ ⁻	0,7	Acide bromique/ion bromate	
HIO ₃	IO ₃ ⁻	0,8	Acide iodique/ion iodate	
HSCN	SCN ⁻	0,8	Acide thiocyanique/ion thiocyanate	
HIO ₄	IO ₄ ⁻	1,6	Acide periodique/ion periodate	
H ₂ SO ₃	HSO ₃ ⁻	1,9	Acide sulfureux/ion hydrogénosulfite	
HSO ₄ ⁻	SO ₄ ²⁻	1,9	Ion hydrogénosulfate/ion sulfate	
HClO ₂	ClO ₂ ⁻	2	Acide chloreux/ion chlorite	
H ₃ PO ₄	H ₂ PO ₄ [⊖]	2,1	Acide phosphorique/ion dihydrogénophosphate	
HNO ₂	NO ₂ ⁻	3,4	Acide nitreux/ion nitrite	
ArNH ₃ [⊕]	ArNH ₂	3-5	Ion d'amine aromatique/Amine aromatique (aniline)	
HF	F [⊖]	3,2	Acide fluorhydrique/ion fluorure	
HCOOH	HCO ₂ ⁻	3,8	Acide formique/ion formate	
		4-5	Acide carboxylique/ion carboxylate	
CH ₃ COOH	CH ₃ CO ₂ ⁻	4,8	Acide acétique ou acide éthanoïque/ion acétate	
		5,2	Ion pyridinium/pyridine	
H ₂ CO ₃ = CO ₂ + H ₂ O	HCO ₃ [⊖]	6,3	Acide carbonique/ion hydrogénocarbonate	
H ₂ S	HS ⁻	6,9	Sulfure d'hydrogène/ion hydrogénosulfure	
HSO ₃ ⁻	SO ₃ ²⁻	7,2	Ion hydrogénosulfite/ion sulfite	
H ₂ PO ₄ ⁻	HPO ₄ ²⁻	7,2	Ion dihydrogénophosphate/ion monohydrogénophosphate	
HClO	ClO ⁻	7,5	Acide hypochloreux/ion hypochlorite	
		8	Phénol/ion phénolate	

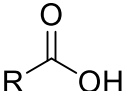
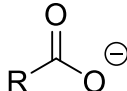
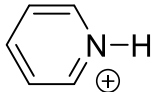
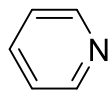
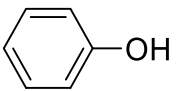
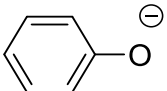
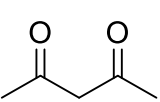
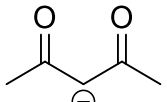
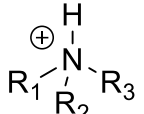
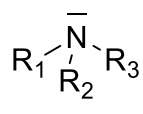

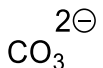
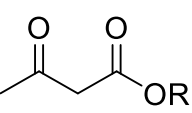
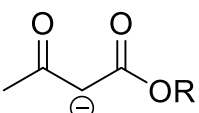
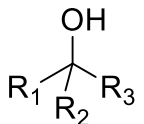
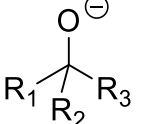
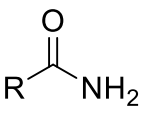
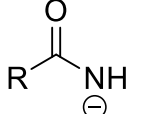
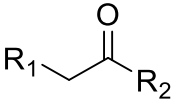
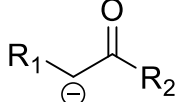
HBrO	BrO ⁻	8,7	Acide hypobromeux/ion hypobromite		
		9	β-Dicétone/anion énolate (forme générale)		
HCN	CN ⁻	9,3	Acide cyanhydrique/ion cyanure		
NH ₄ ⁺	NH ₃	9,2	Ion ammonium/ammoniac		
		10-11	Ion ammonium quaternaire/amine tertiaire		
HCO ₃ ⁻	CO ₃ ²⁻	10,3	Ion hydrogénocarbonate/ion carbonate		
HIO	IO ⁻	10,6	Acide hypoiodeux/ion hypoiodite		
		11	β-Cétoester/anion énolate (forme générale)		
H ₂ O ₂	HO ₂ ⁻	11,8	Eau oxygénée ou peroxyde d'hydrogène/ion hydroperoxyde		
HPO ₄ ²⁻	PO ₄ ³⁻	12,4	Ion monohydrogénophosphate/ion phosphate		
HS ⁻	S ²⁻	12,9	Ion hydrogénosulfure/ion sulfure		
H ₂ O	OH ⁻	14	Eau/ion hydroxyde		
MeOH	MeO ⁻	15,2	Méthanol/ion méthanolate		Milieu non aqueux
Na ⁺	OH ⁻	15,7	Ion sodium/ion hydroxyde		
		16	Alcool tertiaire/ion alcoolate		
		17	Amide/anion amide		
		19-20	Cétone/anion énolate		
		24	Ester/anion		
R-C≡C-H	R-C≡C ⁻	25	Alcyne/anion acétylure		

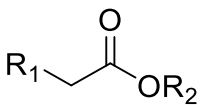
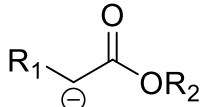
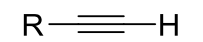
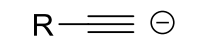
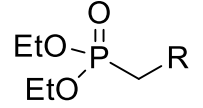
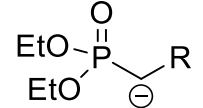
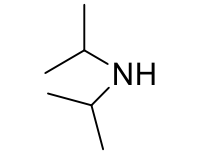
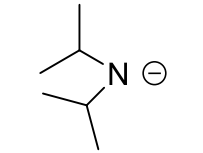
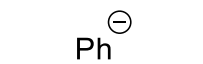
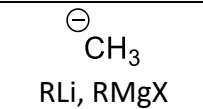
$\begin{array}{c} \text{O} \\ \parallel \\ \text{EtO}-\text{P}-\text{R} \\ \\ \text{EtO} \end{array}$	$\begin{array}{c} \text{O} \\ \parallel \\ \text{EtO}-\text{P}-\text{R} \\ \\ \ominus \end{array}$	27,6	Ester phosphorique/anion
		36	Amine secondaire/anion
NH ₃	$\ominus \\ \text{NH}_2$	38	Ammoniac/anion amidure
PhH	$\ominus \\ \text{Ph}$	43	Benzène/anion benzène
CH ₄	$\ominus \\ \text{CH}_3 \\ \text{RLi, RMgX}$	48	Méthane (alcane)/organolithien, organomagnésien

Liste des couples acide-base minéraux

Acide	Base	pKa	Nomenclature		
HI	I ⁻	-10	Acide iodhydrique/ion iodure	Milieu non aqueux	
HBr	Br [⊖]	-9	Acide bromhydrique/ion bromure		
HClO ₄	ClO ₄ ⁻	-7	Acide perchlorique/ion perchlorate		
HCl	Cl [⊖]	-3,7	Acide chlorhydrique/ion chlorure		
H ₂ SO ₄	HSO ₄ [⊖]	-3,0	Acide sulfurique/ion hydrogénosulfate		
HNO ₃	NO ₃ [⊖]	-1,3	Acide nitrique/ion nitrate		
H ₃ O ⁺	H ₂ O	0	Ion hydronium/eau	Milieu aqueux	
HBrO ₃	BrO ₃ ⁻	0,7	Acide bromique/ion bromate		
HIO ₃	IO ₃ ⁻	0,8	Acide iodique/ion iodate		
HIO ₄	IO ₄ ⁻	1,6	Acide periodique/ion periodate		
H ₂ SO ₃	HSO ₃ ⁻	1,9	Acide sulfureux/ion hydrogénosulfite		
HSO ₄ ⁻	SO ₄ ²⁻	1,9	Ion hydrogénosulfate/ion sulfate		
HClO ₂	ClO ₂ ⁻	2	Acide chloreux/ion chlorite		
H ₃ PO ₄	H ₂ PO ₄ [⊖]	2,1	Acide phosphorique/ion dihydrogénophosphate		
HNO ₂	NO ₂ ⁻	3,4	Acide nitreux/ion nitrite		
HF	F [⊖]	3,2	Acide fluorhydrique/ion fluorure		
H ₂ CO ₃ = CO ₂ + H ₂ O	HCO ₃ [⊖]	6,3	Acide carbonique/ion hydrogénocarbonate		
H ₂ S	HS ⁻	6,9	Sulfure d'hydrogène/ion hydrogénosulfure		
HSO ₃ ⁻	SO ₃ ²⁻	7,2	Ion hydrogénosulfite/ion sulfite		
H ₂ PO ₄ ⁻	HPO ₄ ²⁻	7,2	Ion dohydrogénophosphate/ion monohydrogénophosphate		
HClO	ClO ⁻	7,5	Acide hypochloreux/ion hypochlorite		
HBrO	BrO ⁻	8,7	Acide hypobromeux/ ion hypobromite		
NH ₄ [⊕]	NH ₃	9,2	Ion ammonium/ammoniac		
HIO	IO ⁻	10,6	Acide hypoiodeux/ion hypoiodite		
H ₂ O ₂	HO ₂ ⁻	11,8	Eau oxygénée ou peroxyde d'hydrogène/ion hydroperoxyde		
HPO ₄ ²⁻	PO ₄ ³⁻	12,4	Ion monohydrogénophosphate/ion phosphate		
HS ⁻	S ²⁻	12,9	Ion hydrogénosulfure/ion sulfure		
H ₂ O	OH ⁻	14	Eau/ion hydroxyde		
Na ⁺	OH ⁻	15,7	Ion sodium/ion hydroxyde		Milieu non aqueux
NH ₃	NH ₂ ⁻	38	Ammoniac/ion amidure		

Liste couples acide-base organiques

Acide	Base	pKa	Nomenclature	
ArSO ₃ H	ArSO ₃ [⊖]	-6,5	Acide sulfonique/ion sulfonate	Milieu aqueux
H ₃ O ⁺	H ₂ O	0	Ion hydronium/eau	
HSCN	SCN ⁻	0,8	Acide thiocyanique/ion thiocyanate	
ArNH ₃ [⊕]	ArNH ₂	3-5	Amine aromatique	
HCOOH	HCO ₂ ⁻	3,8	Acide méthanoïque/ion méthanoate	
		4-5	Acide carboxylique/ion carboxylate	
CH ₃ COOH	CH ₃ CO ₂ ⁻	4,8	Acide acétique ou acide éthanoïque/ion acétate	
		5,2	Ion pyridinium/pyridine	
		8	Phénol/ion phénolate	
		9	β-Dicétone	
HCN	CN ⁻	9,3	Acide cyanhydrique/ion cyanure	
		10-11	Ion ammonium quaternaire/amine quaternaire	
		10,3	Ion hydrogénocarbonate/ion carbonate	
		11	β-Cétoester	
H ₂ O	OH [⊖]	14	Eau/ion hydroxyde	
MeOH	MeO [⊖]	15,2	Méthanol/ion méthanolate	Milieu non aqueux
		16	Alcool tertiaire/ion alcoolate	
		17	Amide	
		19-20	Cétone	

		24	Ester
		25	Alcyne
		27,6	Phosphonate de diéthyle
		36	Amine secondaire
PhH		43	benzène
CH ₄		48	Méthane, organolithien, organomagnésien