

pKa values of common compounds and their conjugate bases

	Acid	Approximate pKa	Conjugate Base	
Weakest acid		51		Strongest base
		44		
		43		
	NH ₃	38	NH ₂ ⁻	
		30		
		25		
	H ₂ C≡N	25	H ₂ C ⁻ -CN	
		25		
		19		
		18		
		17		
		16		
	H ₂ O	15.7	OH ⁻	
		13		
		13		
		10.6		
		10		
		9		
		8.6		
		4.75		
		-1.74	H ₂ O	
		-7.3		
	HF	3.2	F ⁻	
	HCl	-7	Cl ⁻	
	HI	-9	I ⁻	
Strongest acid	H ₂ SO ₄	-9	HSO ₄ ⁻	Weakest base

Increasing acid strength

Increasing base strength