

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
8	Carbon dioxide	$\text{H} \cdot + \text{CO}_2 \longrightarrow \cdot^{\text{C}}\text{O}_2\text{H}$	1	$< 1 \times 10^6$	p.r.; No abs. at 250 nm obs. in CO ₂ -satd. soln. of 0.1 mol L ⁻¹ H ₂ SO ₄ .	650384