

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
34	Carbon dioxide	e _{aq} ⁻ + CO ₂ →	7	7.7 × 10 ⁹	p.r.; D.k. at 578 nm in pres. of 10 ⁻³ mol L ⁻¹ MeOH, [CO ₂] = 50-200 × 10 ⁻⁶ mol L ⁻¹ .	630073