

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
511	Acetylene	e _{aq} ⁻ + HC≡CH →		2.0 × 10 ⁷	p.r.; D.k. at 700 nm in soln. contg. C ₂ H ₂ -Ar mixt.	78A007