

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1455	Thiophene	$\text{e}_{\text{aq}}^- + -\text{SCH}=\text{CHCH}=\text{CH}- \longrightarrow$		5.5×10^7	Average of 2 values.	
			7, 11	4.4×10^7	p.r.; D.k. at 550 nm with and without 0.05 mol l ⁻¹ MeOH.	78A027
			6.7	6.5×10^7	p.r.; D.k.	650018