

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1218	2-Methyl-2-propanethiol	$\text{e}_{\text{aq}}^- + (\text{CH}_3)_3\text{CSH} \longrightarrow \text{HS}^- + (\text{CH}_3)_3\text{C}^\cdot$	7	$3.0 \times 10^9$	p.r.; D.k. at 720 nm in Ar-satd. soln.	690553