

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1140	2-Mercaptoethanol	e <sub>aq</sub> <sup>-</sup> + HSCH <sub>2</sub> CH <sub>2</sub> OH →	5.7-9.0	1.2 × 10 <sup>10</sup>	p.r.; D.k. at 650 nm; <i>pK<sub>a</sub></i> = 10.3.	710175