

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
907	Eosin dianion	e <sub>aq</sub> <sup>-</sup> + C <sub>20</sub> H <sub>6</sub> Br <sub>4</sub> O <sub>5</sub> <sup>2-</sup> →	12.0	1.9 × 10 <sup>10</sup>	p.r.; D.k., contains 10 <sup>-2</sup> mol L <sup>-1</sup> formate ion; p.b.k. at 405 nm gave 1.0 × 10 <sup>10</sup> .	700253