

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1434	2,2,5,5-Tetramethyl-4-phenyl-3-imidazolin-1-oxyl	e <sub>aq</sub> <sup>-</sup> + C <sub>13</sub> H <sub>17</sub> N <sub>2</sub> O <sub>2</sub> →		2.2 × 10 <sup>10</sup>	γ-r.; C.k.; H <sub>2</sub> SO <sub>4</sub> soln.; rel. to (e <sub>aq</sub> <sup>-</sup> + H <sup>+</sup> ).	77D393; 77G34