

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1070	1-(2-Hydroxyethyl)-2-methyl-5-nitromidazole	e <sub>aq</sub> <sup>-</sup> + HOCH <sub>2</sub> CH <sub>2</sub> Im(CH <sub>3</sub> )NO <sub>2</sub> → RNO <sub>2</sub> <sup>•-</sup>			3.7 × 10 <sup>10</sup>	Average of 2 va
				3.0 × 10 <sup>10</sup>	p.r.; D.k. at 625 nm in N <sub>2</sub> -satd. soln. contg. 0.2 mol L <sup>-1</sup> <i>tert</i> -BuOH.	751067
				4.5 × 10 <sup>10</sup>	p.r.; D.k. at 580 nm in N <sub>2</sub> -satd. soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH and 10 <sup>-3</sup> mol L <sup>-1</sup> NaHPO <sub>4</sub> .	741135