

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
861	N,N-Dimethylbenzylammonium ion	e <sub>aq</sub> <sup>-</sup> + C <sub>9</sub> H <sub>14</sub> N <sup>+</sup> → NH <sub>3</sub> + C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub>	6.9	2.5 × 10 <sup>10</sup>	p.r.; D.k. at 600 nm in N <sub>2</sub> -satd. soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH and 1-4 × 10 <sup>-3</sup> mol L <sup>-1</sup> amine; 65% deamination.	86A410