

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1178	\{\}alpha-Methylbenzylammonium ion	e <sub>aq</sub> <sup>-</sup> + C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> NH <sub>2</sub> <sup>+</sup> CH <sub>3</sub> → NH <sub>3</sub> + C <sub>6</sub> H <sub>5</sub> CHCH <sub>3</sub>	6.6	~ 7 × 10 <sup>8</sup>	p.r.; D.k. at 600 nm, as well as p.b.k. at 318 nm (benzyl radical) in N <sub>2</sub> -satd. soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH and 5-10 × 10 <sup>-4</sup> mol L <sup>-1</sup> amine; 42% deamination.	86A410