

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1177	\{\}alpha-Methylbenzylamine	e <sub>aq</sub> <sup>-</sup> + C <sub>6</sub> H <sub>5</sub> CH(CH <sub>3</sub> )NH <sub>2</sub> [C <sub>6</sub> H <sub>5</sub> CH(CH <sub>3</sub> )NH <sub>2</sub> ] <sup>•-</sup>	→ 11.2	6.2 × 10 <sup>7</sup>	p.r.; P.b.k. at 317 nm in N <sub>2</sub> -satd. soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH and 5 × 10 <sup>-3</sup> mol L <sup>-1</sup> amine.	86A410