

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
398	p-Hydroxybenzoic acid	H · + HOC <sub>6</sub> H <sub>4</sub> CO <sub>2</sub> H → C <sub>7</sub> H <sub>7</sub> O <sub>3</sub>		1.9 × 10 <sup>9</sup>	Average of 2 values.
		1	1.5 × 10 <sup>9</sup>	p.r.; p.b.k.; CD <sub>3</sub> OH as OH scavenger	600001
		1	2.4 × 10 <sup>9</sup>	p.r.; c.k.; p.b.k.; rel. to <i>k</i> (H · + MeOH).	690001