

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
362	Benzonitrile	.OH + C <sub>6</sub> H <sub>5</sub> CN → HOC <sub>6</sub> H <sub>5</sub> CN		4.4 × 10 <sup>9</sup>	Average of 2 values.
			3.9 × 10 <sup>9</sup>	p.r.; C.k.; rel. to k(.OH + SCN-).	700657
			7 4.9 × 10 <sup>9</sup>	p.r.; P.b.k. at 348 nm; cor. for (.OH + OH) and (H + aromatic).	680304