

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments
641	Ethylamine	.OH + C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub> →		5.1 × 10 <sup>9</sup> <sup>b</sup>	p.r., C.k.; ca to <i>k</i> (.OH + I
			6.4 × 10 <sup>9</sup> <sup>b</sup>	p.r., C.k.; calcd. from values obs. at pH 8-13.1; rel. to <i>k</i> (.OH + SCN <sup>-</sup> ).	730016
			1.3 × 10 <sup>10</sup> <sup>b</sup>	p.r., C.k.; extrapolated from pH study; rel. to <i>k</i> (.OH + SCN <sup>-</sup> ).	710585