

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1170	z-Methyladenine	e <sub>aq</sub> <sup>-</sup> + C <sub>6</sub> H <sub>7</sub> N <sub>5</sub> →	7	8.4 × 10 <sup>7</sup>	p.r.; D.k.; <i>pK<sub>a</sub></i> ~ 10; at pH 11 <i>k</i> = 1.0 × 10 <sup>9</sup> ; <i>I</i> = 0.1.	710375