

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1192	Theobromine	. OH + C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub> $\longrightarrow$		$5.8 \times 10^9$	p.r.; P.b.k.	86R158