

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1266	Xanthine	. OH + C <sub>6</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub> →	7.8	5.2 × 10 <sup>9</sup>	p.r.; P.b.k. at 340 nm.	84A097