

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
555	8,4-Dihydroxybenzaldehyde	.OH + (HO) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> CHO →	7	8.3 × 10 <sup>9</sup>	p.r.; C.k.; $pK_a = 7.27, 11.4$ ; rel. to $k(.OH + \text{DCIP})$ .	79A303