

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
167	Hypophosphite ion	$\cdot\text{OH} + \text{H}_2\text{PO}_2^- \longrightarrow \text{OH}^- + \text{H}_2\text{PO}_2^\bullet$	10.7	$1.8 \times 10^9$	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$ .	650190