No.	Compound name	Reaction equation	pH	Rate constant $(\text{L}\,\text{mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
2	Arsenous(III) acid	$H\cdot + HAsO_2 \longrightarrow H^+ + HAsO_2{}^-$	1	7×10^8	p.r.; Obs. dose rate effect on $G(As^V)$ and $G(H_2O_2)$ in 0.4 mol L^{-1} H_2SO_4 assuming $k(OH + As^{III}) = 1.8 \times 10^9$.	750247