

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
105	Nitrosyldisulfonate Ion	$\text{H}^\bullet + \text{NO}(\text{SO}_3)_2^{2-} \longrightarrow$	8.5	2.5×10^9	γ -r.; C.k., obs. $G(\text{H}_2)$; 0.1 mol L ⁻¹ Na ₂ HPO ₄ used to adjust pH; rel. to $k(\text{H}^\bullet + \text{HCO}_2^-)$.	690640