

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
501	Pyrazine, conjugate diacid	$\text{H}\cdot + (\text{C}_4\text{H}_4\text{N}_2)\text{H}_2^{2+} \longrightarrow$	1	$3.0 \times 10^8$	e-r.; esr; Decay of spin polarization, compared with EtOH; rel. to $k(\text{H}\cdot + \text{BzOH})$ .	720025