No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
532	2,2,6,6-Tetramethylpiperidine N-oxyl	$\text{H}^\bullet + \text{TEMPO} \longrightarrow \text{TEMPO(H)}$		4.9×10^9	p.r.; D.k., decrease in condy obs. due to protonation of TM"N(H) to give TMPN(H)_2^+; soln. cont. 10^{-2} mol L^{-1} tert-BuOH and $2\text{-}30 \times 10^{-6}$ mol L^{-1} TMPN.	761067