

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
971	Methylurea	$\cdot\text{OH} + \text{CH}_3\text{NHCONH}_2 \longrightarrow$		$\sim 2 \times 10^9$	therm.; C.k.; Obs. ethylene generation in H2O2-methional, and methane generation in H2O–DMSO. Rel. to $k(\cdot\text{OH} + \text{MeOH}) = 8.5 \times 10^8$, $k(\cdot\text{OH} + \text{PhOH}) = 1.4 \times 10^{10}$ as well as EtOH, BuOH, BzO ⁻ and DMSO.	78M373