

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
627	Dithiothreitol	$\cdot\text{OH} + \text{DTT} \longrightarrow \text{H}_2\text{O} + \cdot$ $\text{SCH}_2\text{CHOHCHOHCH}_2\text{SH}$		1.4×10^{10}	Average of 3 values.	
			4		1.5×10^{10}	p.r.; P.b.k. at 38
			7		1.5×10^{10}	p.r.; P.b.k. at 38
			7		1×10^{10}	p.r.; C.k.; $pK_a =$