

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1272	D-Xylose	$\bullet\text{OH} + \text{C}_5\text{H}_{10}\text{O}_5 \longrightarrow$	7	2.2×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	79A366