

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
513	Deoxyribose 5-phosphate	.OH + C ₅ H ₁₂ O ₇ P →		1.8 × 10 ⁹	Average of 2 values.	
			7	2.1 × 10 ⁹	γ-r.; C.k.; rel. to <i>k</i> (.OH + RNO).	80A313
			~7	1.5 × 10 ⁹	γ-r.; C.k.; obs. G(inorg. phosphate); 40.0% oxidative dephosphorylation; rel. to <i>k</i> (.OH + tert-BuOH).	753070