

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1076	Phosphoserine	.OH + ⁻ O ₃ POCH ₂ CH(NH ₃ ⁺)CO ₂ ⁻	2.0	2 × 10 ⁹	Average of 2 values.	753070
			~ 7	2.0 × 10 ⁹	γ-r.; C.k.; obs. G (inorg. phosphate); 28.7% oxidative dephosphorylation; rel. to k(.OH + <i>tert</i> -BuOH).	
			3,5,8	2 × 10 ⁹	γ-r.; C.k. obs. G (phosphate); rel. to k(.OH + MeOH).	