

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
184	N-Acetylphenylalanineamide	$\text{H}^\bullet + \text{C}_8\text{H}_8\text{CH}_2\text{CH}(\text{NHCOCH}_3)\text{CONH}_2 \longrightarrow$ $\text{C}_8\text{H}_8\text{CH}_2\text{CH}(\text{NHCOCH}_3)\text{CONH}_2$	2.0	1.1×10^9	p.r.; P.b.k. at 326 nm in soln. contg. <i>tert</i> -BuOH; at pH 6.4 $k = (9.0 \pm 0.8) \times 10^8$.	741129