

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
563	Tryptophan, conjugate acid	$\text{H}^\cdot + \text{TrpH}_2^+ \longrightarrow \text{addn}^\cdot$	1	$7.4 \times 10^9$	p.r.; P.b.k. at 325 nm; methanol as OH scavenger; cor. for $k(\text{H} + \text{MeOH})$ and $k(\text{OH} + \text{tryptophan})$ ; l-isomer.	690459