

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
269	Carbon disulfide	$\text{H} \cdot + \text{CS}_2 \longrightarrow \text{CS}_2 \cdot^- + \text{H}^+$	1	$2.0 \times 10^{10}$	p.r.; P.b.k. at 310 nm.	731015