

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
872	6-Mercaptopurine	.OH + C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> S →	7	~ 7.0 × 10 <sup>9</sup>	γ-r.; C.k. in air-satd. buffered soln.; <i>pK<sub>a</sub></i> = 7.77, 10.84; rel. to <i>k</i> (.OH + RNO).	84A109