

| No. | Compound name          | Reaction equation                         | pH    | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|-----|------------------------|---|-------|---|---|-----------|
| 854 | Lysine, conjugate acid | .OH + LysH <sup>+</sup> $\longrightarrow$ | 2-2.2 | $7.7 \times 10^8$                                       | $\gamma$ -r.; C.k.; $pK_a = 2.18$ (5.05, 10.53, 11.82); rel. to $k(.OH + 5\text{-MeU})$ . | 650388    |