

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|--------------------------------------|--|----|---|------------|-----------|
| 409 | Pentaammine(bromo)ruthenium(III) ion | $\text{Br}^- + \text{Ru}(\text{NH}_3)_5\text{Br}^{2+} \longrightarrow$ | | 5.0×10^{10} | p.r.; D.k. | 730107 |