

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|-----------------------|--|-----|---|-----------------------|-----------|
| 139 | Hydroxocob(III)alamin | e _{aq} ⁻ + B _{12a} → B _{12r} | 6.0 | 3.3 × 10 ¹⁰ | p.r.; D.k. at 650 nm. | 723046 |