

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---|--|-----|---|---|-----------|
| 274 | Tetrakis(4-N-methylpyridyl)porphinatomanganese(III) Ion | $e_{aq}^- + MnTMpyP^{5+} \longrightarrow MnTMpyP^{4+}$ | | 3.8×10^{10} | Average of 2 values. | |
| | | | 6.7 | 4.7×10^{10} | p.r.; D.k. at 570 nm in phosphate buffer; $pK_a = 8.0, 10.6$; at pH 9.3 $k = 4.0 \times 10^{10}$. | 86A313 |
| | | | 6.8 | $\sim 3 \times 10^{10}$ | p.r. | 84A120 |