

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---------------|---|----|---|--|-----------|
| 468 | Crotonic acid | $\cdot\text{OH} + \text{CH}_3\text{CH}=\text{CHCO}_2\text{H} \longrightarrow$ | 1 | 2.9×10^9 | Fenton; C.k.; $k(\cdot\text{OH} + \text{MeOH})/k(\cdot\text{OH} + \text{Fe}^{2+}) = 4.3$; rel. to $k(\cdot\text{OH} + \text{MeOH})$. | 739341 |