

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|------|----------------------|--|----------|---|---|-----------|
| 1232 | Trimethylacetic acid | $\bullet\text{OH} + (\text{CH}_3)_3\text{CCO}_2\text{H} \longrightarrow$ | ~ 2 | 6.5×10^8 | $\text{Fe}^{3+} + \text{H}_2\text{O}_2$; Obs. effect of solute on Fe^{3+} catalyzed decomp. of hydrogen peroxide.; rel. to $k(\bullet\text{OH} + \text{H}_2\text{O}_2)$. | 769406 |