

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|--------------------------|---|----|---|--|-----------|
| 424 | 2-Mercaptopropionic acid | H · + CH ₃ CH(SH)CO ₂ H → | 1 | 2.2 × 10 ⁹ | γ-r.; Derived from H abstr. rate and ratio of H to SH abstr. = 0.52; rel. to k(H. + AA). | 730241 |