

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
130	Praseodymium(III) Ion	$\text{H} \cdot + \text{Pr}^{3+} \longrightarrow$	1.9	$< 1 \times 10^3$	γ -r.; No reaction; c.k. with CH ₃ OH; [method of 670099]; substrate causes little change in H ₂ yield on addn. of 10 ⁻² -10 ⁻¹ mol L ⁻¹ Pr(III) to 10 ⁻⁴ mol L ⁻¹ MeOH.	720066