

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
839	Isoleucine, conjugate acid	.OH + IleH <sup>+</sup> →	2-2.2	2.2 × 10 <sup>9</sup>	v-r.; C.k.; $pK_a = 2.66, 9.7$ ; rel. to $k(.OH + 5\text{-MeU})$ .	650388