Table I Peptide Bond Hydrolyses Parameters[a]

Reaction	$pK_b - pK_a$	$-\Delta G_i$	ΔG_m	$-\Delta G_h$
GG → G + G	7.3	9.9	6.3	3.6[b]
GGG → G + GG	5.7	7.8	5.3	2.5
GGG → GG + G	6.5	8.8	6.3	2.5
GGGG → G + GGG	5.6	7.6	5.3	2.3
GGGG → GG + GG	4.9	6.7	5.3	1.4
GGGG → GGG + G	6.4	8.7	6.3	2.4
polyG → G + $polyG_{-1}$	5.6	7.6	5.3	2.3
polyG → $polyG_{-1}$ + G	6.4	8.7	6.3	2.4
NBTGA[c]	4.2	5.7	5.3	0.4[b]

[a] Free energy changes (ΔG) in kcal/mole at 25° or 37°C. The change in temperature does not affect the values within their uncertainties of about 0.2 kcal/mole.

[b] Experimental values; all other values in last two columns are calculated.

[c] *N*-benzoyltyrosine–glycinamide → *N*-benzoyltyrosine + glycinamide.