

A continuum method for determining membrane protein insertion energies and the problem of charged residues

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Volume 131, No. 6, June 2, 2008. Pages 563–573.

In the original article, the references in Table I were set incorrectly. The correct Table I is shown below.

TABLE I
Parameter Values Used in All Calculations

Parameter	Symbol	Value	Reference
Water dielectric	ϵ_w	80	Sitkoff et al., 1994
Protein dielectric	ϵ_p	2	Sitkoff et al., 1994
Membrane core dielectric	ϵ_{hc}	2	Stern et al., 2003
Lipid head group dielectric	ϵ_{hg}	80	Stern et al., 2003
Equilibrium membrane width	L_0	42 Å	Huang et al., 1986
Head group width	L_{hg}	8 Å	Helm et al., 1987
Ion screening concentration	I_c	100 mM	Grabe et al., 2004
Bulk interfacial surface tension	α	$3 \times 10^{-13} \text{ N/Å}$	Nielsen et al., 1998
Area compression-expansion modulus	K_a	$1.425 \times 10^{-11} \text{ N/Å}$	Nielsen et al., 1998
Bending or splay-distortion modulus	K_c	$2.85 \times 10^{-10} \text{ NÅ}$	Nielsen et al., 1998
α/K_c	γ	$1.05 \times 10^{-3} \text{ Å}^{-2}$	Nielsen et al., 1998
$2 K_a / (L_0^2 \cdot K_c)$	β	$5.66 \times 10^{-5} \text{ Å}^{-4}$	Nielsen et al., 1998
SASA prefactor for nonpolar energy	a	0.028 kcal/mol·Å ²	Sitkoff et al., 1996
Constant term for nonpolar energy	b	-1.7 kcal/mol	Sitkoff et al., 1996