

Corrigendum

Corrigendum to “Interaction between Gallotannin and a Recombinant Form of Arginine Kinase of *Trypanosoma brucei*: Thermodynamic and Spectrofluorimetric Evaluation”

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In the article titled “Interaction between Gallotannin and a Recombinant Form of Arginine Kinase of *Trypanosoma brucei*: Thermodynamic and Spectrofluorimetric Evaluation” [1], there were a typo in Equation (7), where the denominator K2 should be corrected to K1, and an error in Table 2, where

the values for ΔH , ΔS , and ΔG were incorrectly calculated. The equation and table are corrected as follows:

$$\ln \frac{k_2}{k_1} = \left(\frac{1}{T_1} - \frac{1}{T_2} \right) \frac{\Delta H_o}{R}. \quad (7)$$

TABLE 2: Thermodynamic parameters, binding constant (K), and number of binding sites (n) estimated for the interaction between arginine kinase of *Trypanosoma brucei* (TbAK) and gallotannin.

Inhibitors	T (K)	K (Lmol ⁻¹)	n	R ^a	ΔH_o (KJ/mol)	ΔG_o (KJ/K/mol)	ΔS_o (J/mol/K)
Tannin	298	3.7×10^4	1.2176	0.9494	-8.40	-26.06	59.26
	303	3.5×10^4	1.3381	0.9713		-26.35	59.24

a is the correlation coefficient.

References

- [1] O. S. Adeyemi, A. F. Sulaiman, and O. M. Iniaghe, “Interaction between gallotannin and a recombinant form of arginine kinase of *Trypanosoma brucei*: thermodynamic and spectrofluorimetric evaluation,” *Journal of Biophysics*, vol. 2014, Article ID 675905, 7 pages, 2014.



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