

Corrections

pH and Kinetic Isotope Effects on Sarcosine Oxidation by *N*-Methyltryptophan Oxidase, by Erik C. Ralph and Paul F. Fitzpatrick*, Volume 44, Number 8, March 1, 2005, pages 3074–3081.

Page 3076. The correct version of eq 3 follows:

$$v = \frac{k_{\text{cat}}AB}{K_{\text{ia}}K_{\text{b}} + K_{\text{b}}A + AB}.$$

Page 3077. The correct version of Table 2 follows:

Table 2: Kinetic Parameters for Sarcosine Oxidation by *N*-Methyltryptophan Oxidase at pH 9.4^a

model	k_{cat} (min ⁻¹)	K_{O_2} (μM)	$k_{\text{cat}}/K_{\text{O}_2}$ (min ⁻¹ μM ⁻¹)	K_{sarc} (mM)	$k_{\text{cat}}/K_{\text{sarc}}$ (min ⁻¹ μM ⁻¹)	$K_{\text{i,sarc}}$ (mM)	$K_{\text{i,O}_2}$ (μM)	χ^2
sequential (eq 1)	251 ± 13	5 ± 3	50 ± 30	100 ± 14	2.5 ± 0.4	130 ± 160	NA	1724
ping-pong (eq 2)	262 ± 12	8 ± 2	33 ± 8	114 ± 10	2.3 ± 0.2	NA	NA	1839
rapid equilibrium (eq 3)	233 ± 8	NA	NA	83 ± 9	2.8 ± 0.8	NA	16 ± 5	1964

^a In 0.1 M ACES, 52 mM Tris, 52 mM ethanolamine hydrochloride, and 1 M KCl.