## ACS Medicinal Chemistry Letters

Correction

## Correction to Rapid Determination of Ionization Constants ( $pK_a$ ) by UV Spectroscopy Using 96-Well Microtiter Plates

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Four additional references have been added to the reference section, and the last column of Table 1 has been updated with the correct references.

Table 1.  $pK_a$  Values of Monoacidic, Monobasic, and Dibasic Compounds Determined by the 96-Well UV Spectrophotometric Method

Cpd	Structure	Solvent <sup>a</sup>	$\lambda (nm)^b$	Measured <sup>c</sup> $pK_a$	$\begin{array}{c} \text{Mean value} \\ \pm \text{SD}^d \end{array}$	Lit. value <sup>e</sup>	Ref.
1		H <sub>2</sub> O	318/400	7.01 7.02 7.02	$7.02 \pm 0.01$	7.16	18
		H <sub>2</sub> O + 2% DMSO	318/400	6.84 6.88 6.90	$6.87\pm0.03$	na	na
2	₩ N H H CH <sub>3</sub>	H <sub>2</sub> O + 2% DMSO	268/280	6.20 6.27 6.21 6.20	$6.22\pm0.03$	6.23	19
3	O₂N Ĩ	H <sub>2</sub> O + 2% DMSO	297/354	9.22 9.17 9.20	$9.20\pm0.03$	9.3	20
4		H2O + 2% DMSO	244/312	8.15 8.24 8.05	$8.14\pm0.09$	8.12 8.04	21
5	NH <sub>2</sub> NH	H <sub>2</sub> O + 2% DMSO	250/390	10.63 10.72 10.75	$10.70 \pm 0.06$	10.4	16

<sup>*a*</sup>The use of 2% v/v DMSO as cosolvent did not alter significantly the  $pK_a$  value of the test compounds. Working temperature = 30 °C. All  $pK_a$  were measured at constant ionic strength (I = 0.1 M) and concentration (C = 0.2 mM). <sup>*b*</sup>Analytical wavelengths are determined at the maximum and minimum absorption values in the spectral difference plot. <sup>c</sup>Experiments were repeated at least three times. <sup>*d*</sup>Standard deviation. <sup>*e*</sup>Experimental  $pK_a$  values at 25 °C in water.

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