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Addition/Correction

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Correction to "Cyanine-Based Fluorescent Probe for Highly Selective Detection of Glutathione in Cell Cultures and Live Mouse Tissues"

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Supporting Information

Pages 5352−5253. The conditions for detection in vitro should be corrected owing to the instrument failure.[1]

All measurements of probes (5 μM) were performed with amino acids (500 μM) in PBS buffer solution (10 mM, pH 7.36) containing 0.5% DMSO (λ_{ex} = 635 nm, λ_{em} = 785 nm, slit: 10/10 nm). Figure 2, shown here, reflects those corrections, and the Supporting Information has also been corrected. Other related descriptions of fluorescence spectra followed the above conditions.

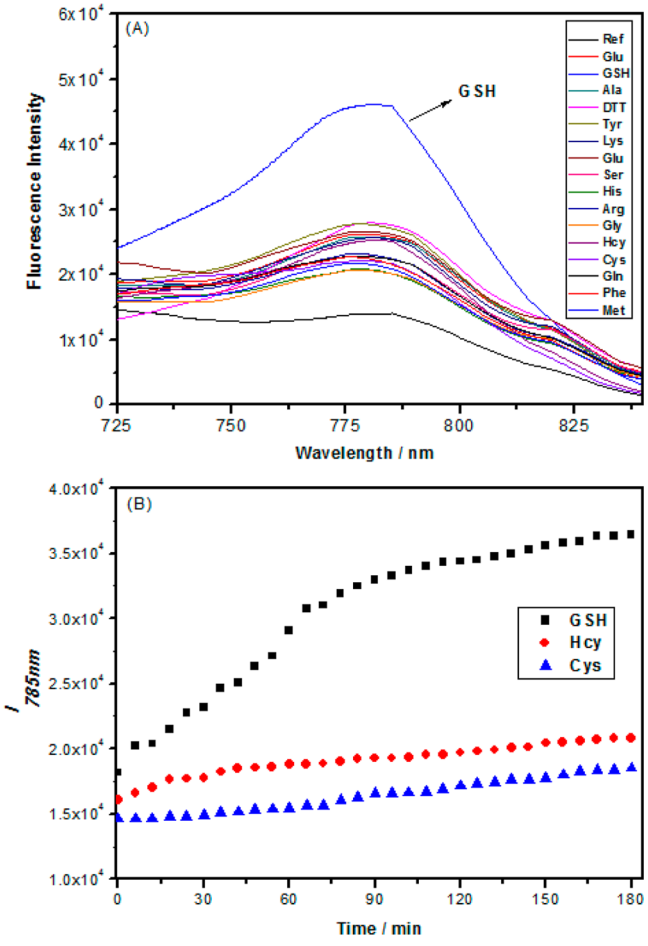

Figure 2. (A) Fluorescence response of probe **2** (5 μM) to various amino acids (500 μM). Each spectrum was recorded 180 min following addition of the amino acid. (B) Time-dependent fluorescence changes of probe **2** (5 μM) upon addition of GSH, Cys. and Hcy (500 μM) in PBS (10 mM, pH 7.36) containing 0.5% DMSO. λ_{ex} = 635 nm, λ_{em} = 785 nm, slit: 10/10 nm.

■ ASSOCIATED CONTENT

Supporting Information

The Supporting Information is available free of charge on the ACS Publications website at DOI: 10.1021/jacs.6b05099.

UV/vis absorption and fluorescence spectra of probes **1** and **2**, mass spectra after treatment of probes **1** and **2** with thiols, fluorescence images of mouse tissues, frontier molecular orbital profiles, and ^{1}H NMR, ^{13}C NMR, and MS spectra of **1**, **2**, and **3** (corrected) (PDF)

■ ACKNOWLEDGMENTS

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■ REFERENCES

(1) Li, L.; Wijaya, H.; Samanta, S.; Lam, Y.; Yao, S. Q. *Sci. Rep.* **2015**, *5*, 11522.

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