

# Correction to “Diving into the Molecular Diversity of *Aplysina cavernicola*’s Exometabolites: Contribution of Bromo-Spiroisoxazoline Alkaloids”

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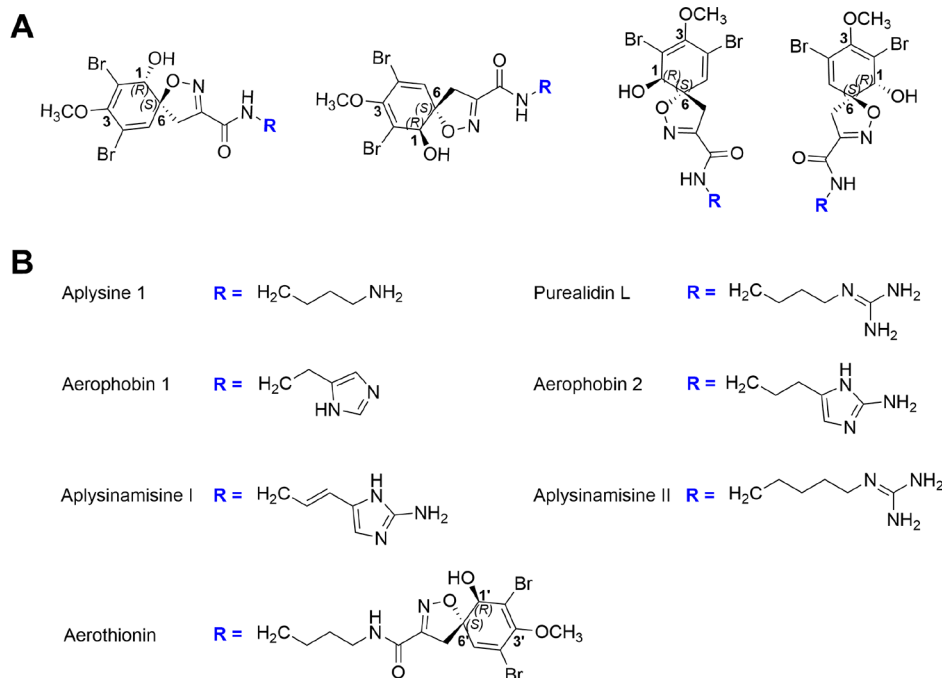
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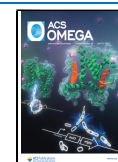
Bromo-cyclohexadiene spiroisoxazoline alkaloids reported to have a **1R,6S** configuration such as the newly described *aplysine-1*, but also *aerophobin-1*, *aerophobin-2*,<sup>1</sup> *aplysinamine I* and *aplysinamine II*,<sup>2</sup> *purealidin L*,<sup>3</sup> and *aerotionin*,<sup>4–6</sup> should have been drawn as shown in [Figure 1](#) below.

**Impact of the Error.** This drawing mistake concerns Figures 3 and 4, the TOC and Abstract image, and figures in the Supporting Information. All the acquired raw data for *aplysine-1* are correct and in agreement with the configuration **1R,6S**. The reported drawing mistake does not affect any of the results within the manuscript.



**Figure 1.** (A) Drawings of bromo-cyclohexadiene spiroisoxazoline alkaloids in **1R,6S** configuration. The letter R represents the different side chains. (B) Corresponding side chains for structures of the article reported to have a **1R,6S** configuration in particular the newly described *aplysine 1*.

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**Remark.** Molecules initially drawn correctly ended up being represented with an inversed absolute configuration due to the misuse of the “*flip option*” in the ChemDraw software. The “*rotate option*” should have been used instead.

## ■ REFERENCES

- (1) Cimino, G.; De Rosa, S.; De Stefano, S.; Self, R.; Sodano, G. The Bromo-Compounds of the True Sponge *Verongia aerophoba*. *Tetrahedron Lett.* **1983**, *24* (29), 3029–3032.
- (2) Rodríguez, A. D.; Piña, I. C. The Structures of Aplysinamisines I, II, and III: New Bromotyrosine-Derived Alkaloids from the Caribbean Sponge *Aplysina cauliformis*. *J. Nat. Prod.* **1993**, *56* (6), 907–914.
- (3) Kobayashi, J.; Honma, K.; Sasaki, T.; Tsuda, M. Puralidins J-R, New Bromotyrosine Alkaloids from the Okinawan Marine Sponge *Psammaphysilla purea*. *Chem. Pharm. Bull.* **1995**, *43* (3), 403–407.
- (4) Fattorusso, E.; Minale, L.; Sodano, G.; Moody, K.; Thomson, R. H. Aerothionin, a Tetrabromo-Compound from *Aplysina aerophoba* and *Verongia thiona*. *J. Chem. Soc. D* **1970**, No. 12, 752.
- (5) McMillan, J. A.; Paul, I. C.; Goo, Y. M.; Rinehart, K. L.; Krueger, W. C.; Pschigoda, L. M. An X-Ray Study of Aerothionin from *Aplysina fistularis* (Pallas). *Tetrahedron Lett.* **1981**, *22* (1), 39–42.
- (6) Salib, M. N.; Jamison, M. T.; Molinski, T. F. Bromo-Spiroisoxazoline Alkaloids, Including an Isoleucine Peptide, from the Caribbean Marine Sponge *Aplysina lacunosa*. *J. Nat. Prod.* **2020**, *83* (5), 1532–1540.