

Bromoisoxazoline Alkaloids from the Caribbean Sponge *Aplysina insularis*

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An investigation of a specimen of the Caribbean sponge *Aplysina insularis* resulted in the isolation of fourteen bromoisoxazoline alkaloids (**1–14**), of which 14-oxo-aerophobin-2 (**1**)* is a novel derivative. Structure elucidation of the compounds have been established from spectral studies and data for **1** are reported. Constituents **2** to **6** and **11** to **14** have not been identified so far in *Aplysina insularis* species. The presence of the known compounds **7** to **9** in *Aplysina insularis* indicates that their use for chemotaxonomical purposes is questionable.

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