Dibromotyrosine Derivatives, a Maleimide, Aplysamine-2 and Other Constituents of the Marine Sponge *Pseudoceratina purpurea*

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A collection of the marine sponge *Pseudoceratina purpurea* from the Gulf of Thailand furnished aplysamine-2, two new bromotyrosine derivatives purpuroceratic acids A and B, two known bromotyrosine derivatives, 3-maleimide-5-oxime and common sponge constituents. Aplysamine-2, purpuroceratic acid A and 3-maleimide oxime were evaluated for their *in vitro* anticancer activity against three cancer cell lines, but only aplysamine-2 exhibited moderate dose dependent growth inhibitory effects.

Key words: Pseudoceratina purpurea, Purpuroceratic Acids A and B, Aplysamine-2, Bromotyrosine Derivatives