

Tichocarpols A and B, two novel phenylpropanoids with feeding-deterrent activity from the reel alga *Tichocarpus crinitus*

Abstract

Two novel phenylpropanoic acid derivatives, tichocarpol A (1) and tichocarpol B (2), were isolated along with floridoside and isethionic acid from the red alga *Tichocarpus crinitus*. The structures of these novel metabolites were elucidated using a combination of spectral (1D and 2D NMR techniques and ESIMS) and chemical methods. Compounds 1, 2, and floridoside exhibited feeding-deterrent activity against the sea urchin *Strongylocentrotus intermedius*.