

Title: Marine bacterium *Vibrio* sp. CB1-14 Produces Guanidine Alkaloid 6-*epi*-Monanchorin, Previously Isolated from Marine Polychaete and Sponges.

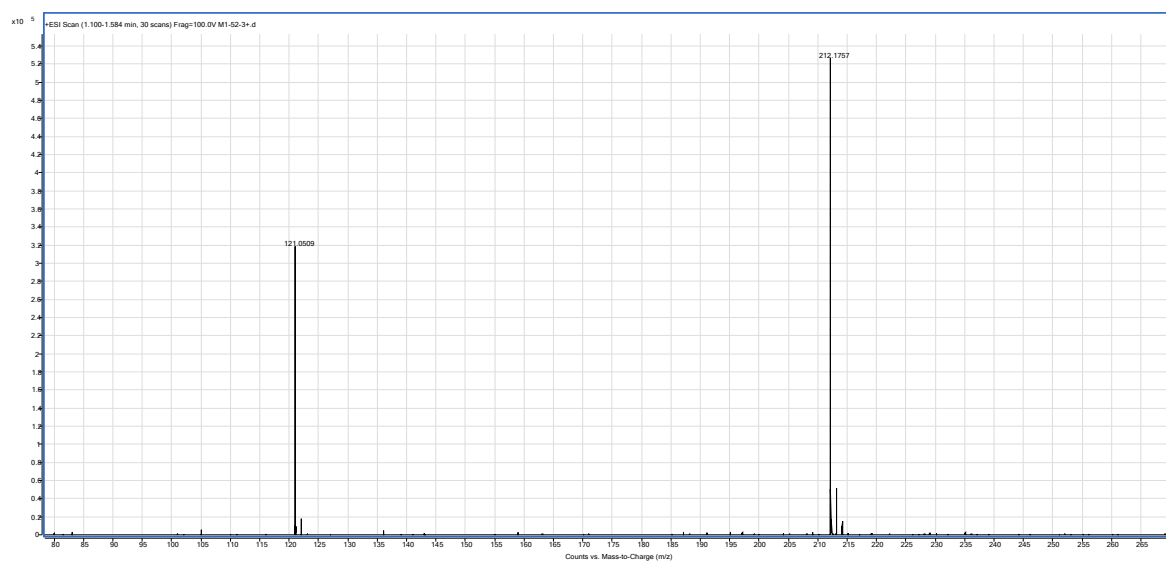
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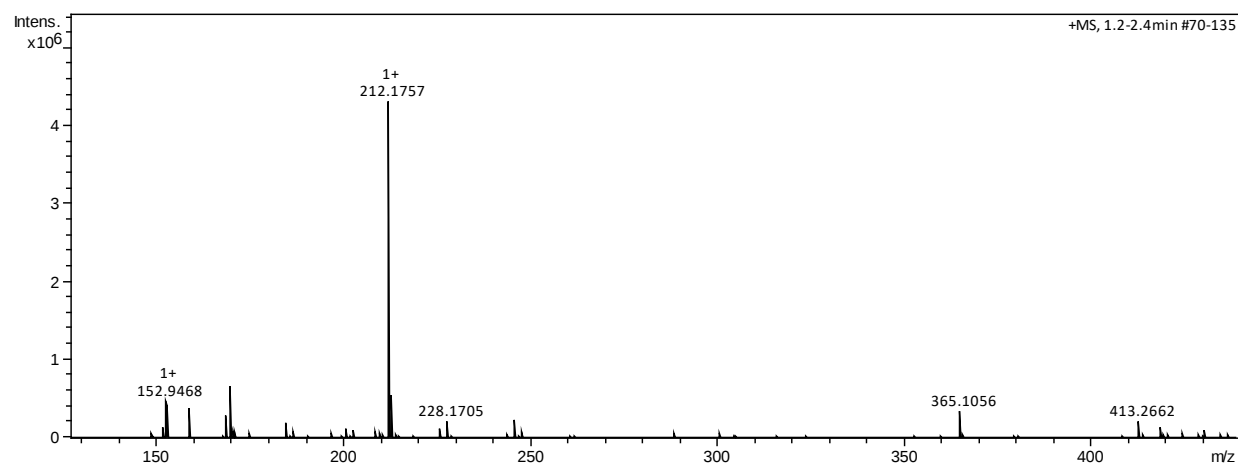
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S2 HRESIMS spectrum of 6-epi-monanchorin (**2**) isolated from marine polychaete *Chaetopterus variopedatus*

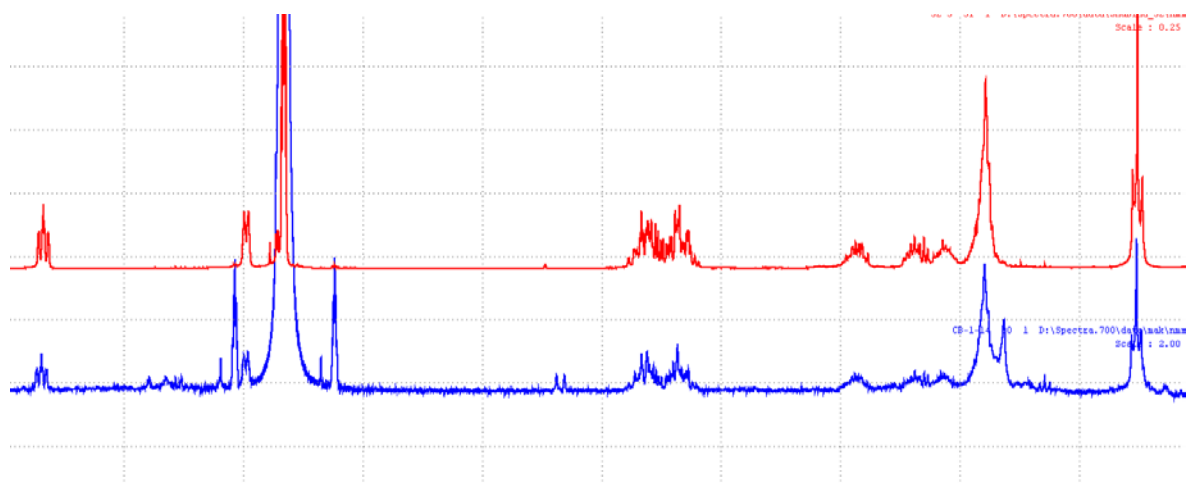


HRESIMS spectrum of 6-epi-monanchorin (**2**) isolated from marine bacterium *Vibrio* sp. CB1-14

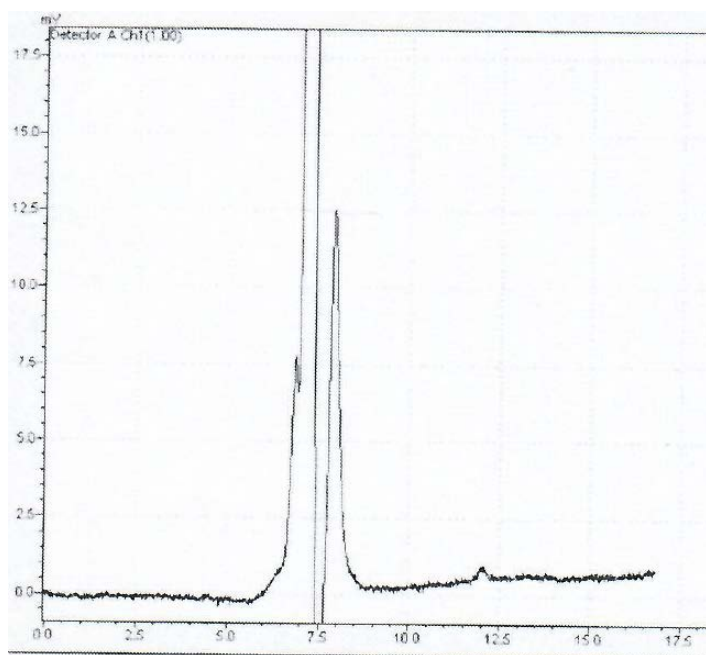


S3

Comparison of ^1H NMR spectra for 6-epi-monanchorin (**2**) isolated from polychaete *Chaetopterus variopedatus* (**red**) and marine bacterium *Vibrio* sp. CB1-14 (**blue**)



S4 HPLC chromatogram of culture medium extract of CB1-14.



HPLC chromatogram of cells extract of CB1-14.

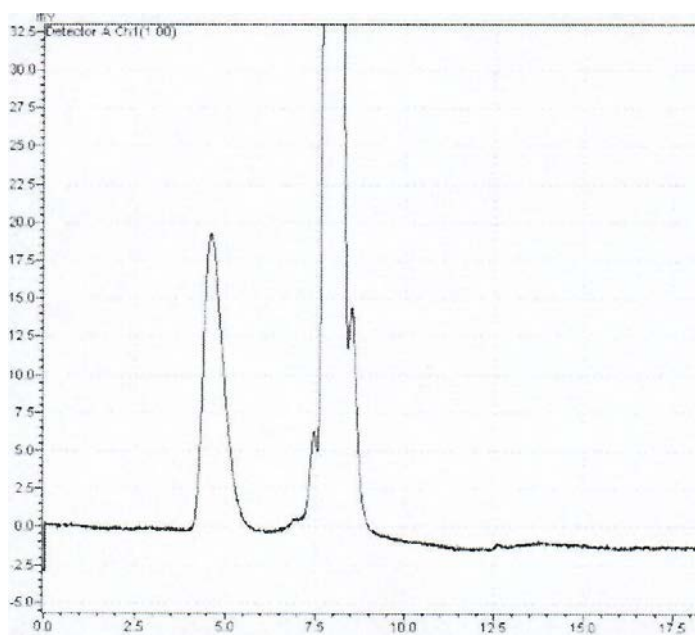


Table S1. Accession numbers and Chimera identification of 16S rRNA of bacterial isolates

Name of isolates	GenBank accession no	Chimera identification*	
		Group	Result
CB2-12	MK598712	Vibrio	Not deciphered to be a chimera
CB2-5	MK598713	Vibrio	Not deciphered to be a chimera
CB2-8	MK598714	Vibrio	Not deciphered to be a chimera
CB2-10	MK598715	Vibrio	Not deciphered to be a chimera
CB1-5	MK598716	Vibrio	Not deciphered to be a chimera
CB2-1	MK598717	Vibrio	Not deciphered to be a chimera
CB1-11	MK598718	Vibrio_shilonii	Not deciphered to be a chimera
CB2-9	MK598719	Vibrio_shilonii	Not deciphered to be a chimera
CB2-11	MK598720	Vibrio_shilonii	Not deciphered to be a chimera
CB1-6	MK598721	Vibrio	Not deciphered to be a chimera
CB2-7	MK598722	Vibrio	Not deciphered to be a chimera
CB1-13	MK598723	Bacillus_hwajinpoensis	Not deciphered to be a chimera
CB1-18	MK598724	Bacillus_hwajinpoensis	Not deciphered to be a chimera
CB1-3	MK598725	Stappia_f	Not deciphered to be a chimera
CB1-1	MK598726	Vibrio_shilonii	Not deciphered to be a chimera
CB2-13	MK598727	Vibrio_shilonii	Not deciphered to be a chimera
CB2-4	MK598728	Vibrio_shilonii	Not deciphered to be a chimera
CB1-10	MK598729	Vibrio_shilonii	Not deciphered to be a chimera
CB1-7	MK598730	Vibrio	Not deciphered to be a chimera
CB1-14	MK598731	Vibrio	Not deciphered to be a chimera

* ES Wright *et al.* (2012) "DECIPHER, A Search-Based Approach to Chimera Identification for 16S rRNA Sequences." *Applied and Environmental Microbiology*, [doi:10.1128/AEM.06516-11](https://doi.org/10.1128/AEM.06516-11).