

1 **Table S1.** Minimal inhibitory concentrations (MIC) against *Staphylococcus aureus* for each
2 compound used in the toxicity assay on *Artemia* sp nauplii. Data are based on literature
3 studies.

4

Compound	MIC (μ M)	Reference
Andrimide	10	(1)
Holomycin	35	(2)
Indolmycin	10	(3)
Pentabromopseudilin	20	(4)
TDA	15	(5)
Violacein	25	(6)

5

1. **Needham J, Kelly MT, Ishige M, Andersen RJ.** 1994. Andrimide and Moiramides A-C, metabolites produced in culture by a marine isolate of the bacterium *Pseudomonas fluorescens* – Structure elucidation and biosynthesis. *Journal of Organic Chemistry* **59**:2058-2063.
2. **Oliva B, O'Neill A, Wilson JM, O'Halon PJ, Chopra I.** 2001. Antimicrobial properties and mode of action of the pyrrothine holomycin. *Antimicrobial Agents and Chemotherapy* **45**:532-539.
3. **Hurdle JG, O'Neill AJ, Chopra I.** 2004. Anti-staphylococcal activity of indolmycin, a potential topical agent for control of staphylococcal infections. *Journal of Antimicrobial Chemotherapy* **54**:549-552.
4. **Raimondi MV, Cascioferro S, Schillaci D, Petruso S.** 2006. Synthesis and antimicrobial activity of new bromine-rich pyrrole derivates related to monodeoxypyoluteorin. *European Journal of Medicinal Chemistry* **41**:1439-1445.
5. **Porsby CH, Webber MA, Nielsen KF, Piddock LJV, Gram L.** 2011. Resistance and tolerance to tropodithietic acid, an antimicrobial in aquaculture, is hard to select. *Antimicrob. Ag. Chemother.* **55**:1332-1337.
6. **Cazoto LL, Martins D, Ribeiro MG, Duran N, Nakazato G.** 2011. Antibacterial activity of violacein against *Staphylococcus aureus* isolated from bovine mastitis. *Journal of Antibiotics* **64**:395-397.

25