

1 **Table 1.** QTOF-LCMS analysis of *Holothuria atra* fraction F3 and the identification of
2 aspidospermatidine and inosine. The obtained individual MS/MS fingerprinting spectrum
3 was compared with with METLIN, MassBank and Chemspider databases.

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ESI-MS RT (min)	Detected ion (<i>m/z</i>) [M-H]-	Fragments	Molecular Formula	Identification
17.764	266.1789	266, 144, 136, 130	C ₁₈ H ₂₂ N ₂	Aspidospermatidine
18.395	268.194	268, 215, 185, 136, 133, 109, 93, 82, 54	C ₁₀ H ₁₂ N ₄ O ₅	Inosine

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24 **Supplementary 1**

25 The antimicrobial effect of *Holothuria atra* on *P. aeruginosa* PA14 as determined by Minimum
26 Inhibitory Concentration (MIC) test*.

Samples	Concentration ($\mu\text{g/mL}$)				
	25	50	100	500	1000
<i>Holothuria atra</i> -methanol	-	-	-	-	-
<i>Holothuria atra</i> -fraction F3	-	-	-	-	-
Streptomycin**			+		

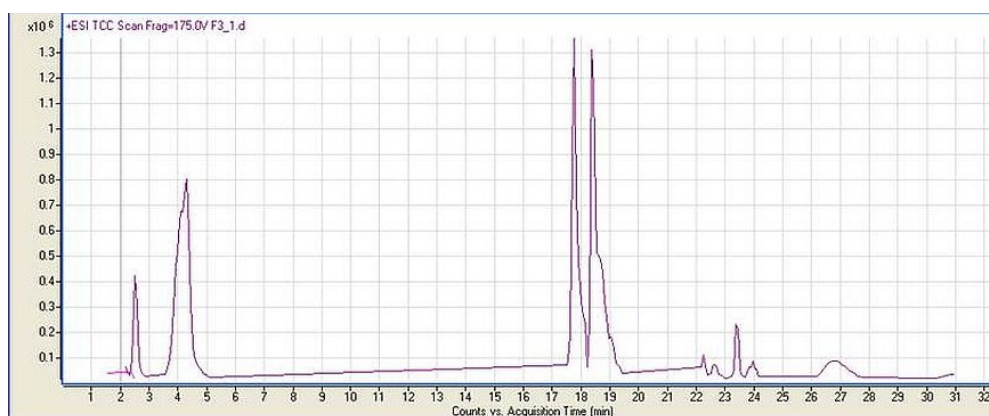
27 * + denotes inhibition; – denotes no inhibition of PA14 growth

28 ** 100 $\mu\text{g/ml}$ streptomycin was used as control

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30 **Supplementary 2.**

31 QTOF-LCMS analysis of *Holothuria atra* fraction F3 and the identification of
32 aspidospermatidine and inosine



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