## **SUPPORTING INFORMATION**

# 17-Hydroxybrevianamide N and Its N1-Methyl Derivative, Quinazolinones from a Soft Coral-Derived *Aspergillus* sp. Fungus: 13S Enantiomers as the True Natural Products

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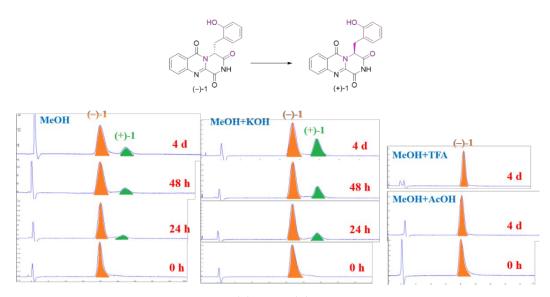
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#### **Author Contributions**

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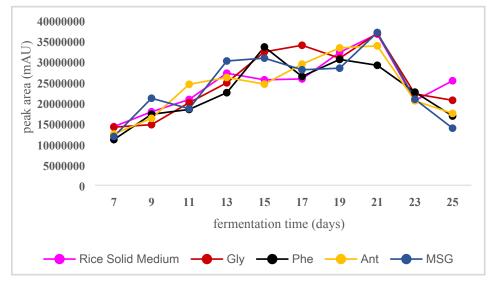
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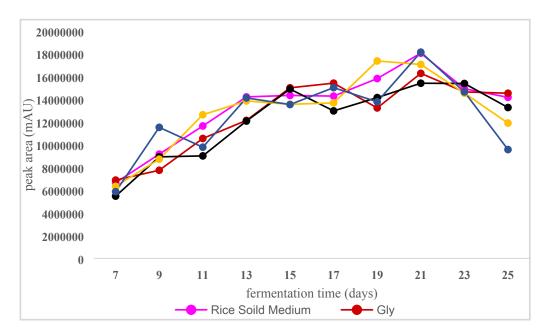


**Figure S1.** The transformation of (–)-1 and (+)-1 in MeOH with different pH levels.

To study the effects of addition of phenylalanine (Phe), anthranilate (Ant), monosodium glutamate (MSG) or glycine (Gly) on aspergilimides production, DL-Phe, Ant, MSG, or Gly (each 100 mg/L in seawater) were added to the rice solid fermentation respectively. Nevertheless, addition of the amino acids showed almost no influence on the production by comparison with the rice solid fermentation (pink curve). Under these culture conditions, a maximum production of 1 and 2 was obtained after 19 days of cultivation (Figures S2 and S3).



**Figure S2.** The **1** production trendline of addition of Phe, Ant, MSG or Gly to the rice solid fermentation.



**Figure S3.** The **2** production trendlines of addition of Phe, Ant, MSG or Gly to the rice solid fermentation

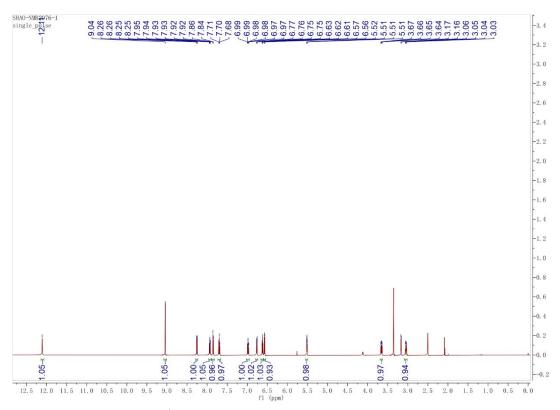


Figure S4.  $^{1}$ H NMR spectrum of compound 1 in DMSO- $d_{6}$ 

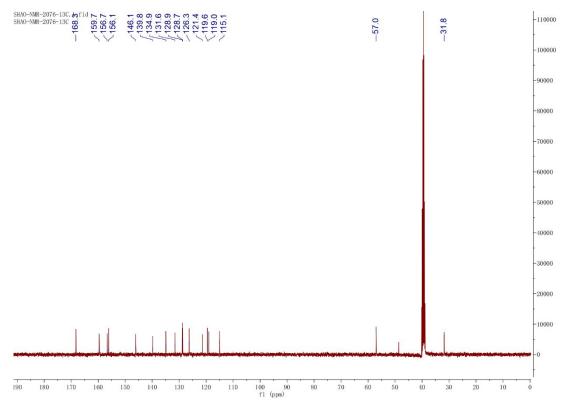


Figure S5.  $^{13}$ C NMR spectrum of compound 1 in DMSO- $d_6$ 

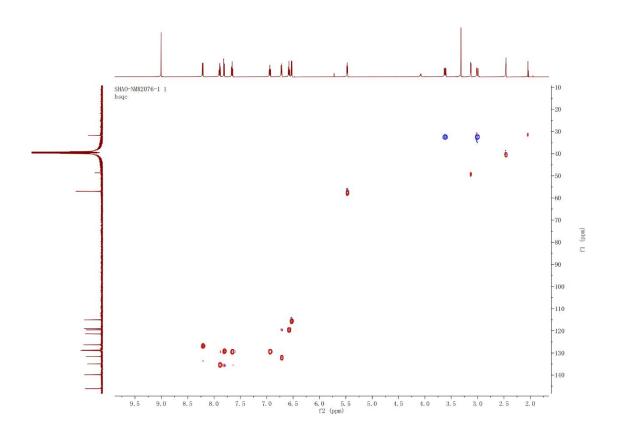


Figure S6. HSQC spectrum of compound 1 in DMSO- $d_6$ 

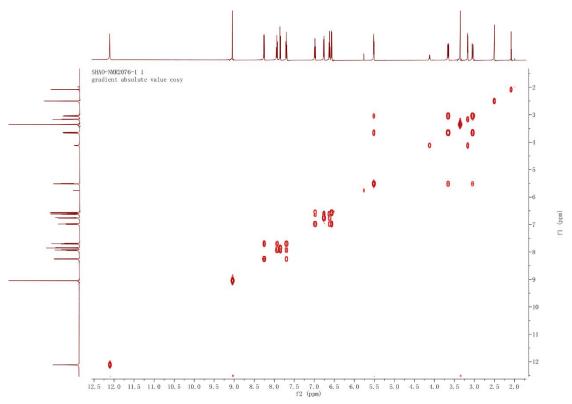


Figure S7. COSY spectrum of compound 1 in DMSO- $d_6$ 

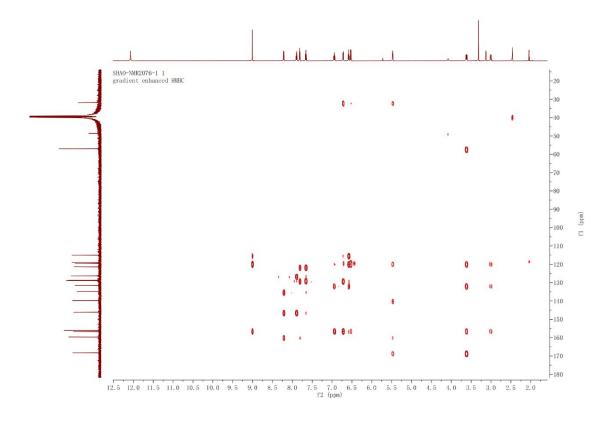


Figure S8. HMBC spectrum of compound 1 in DMSO-d<sub>6</sub>

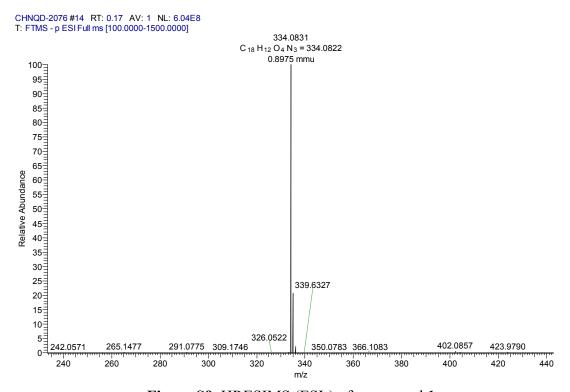


Figure S9. HRESIMS (ESI<sup>-</sup>) of compound 1

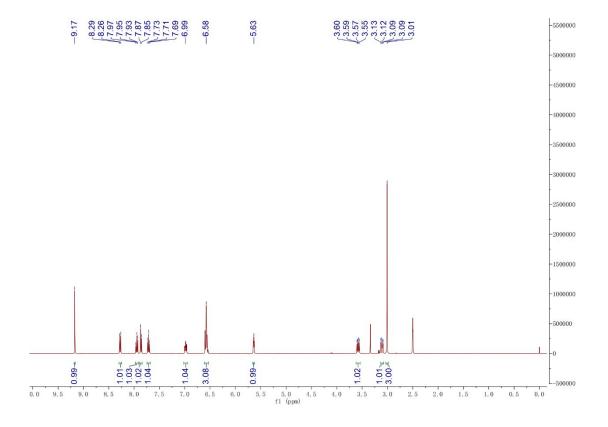


Figure S10.  $^{1}$ H NMR spectrum of compound 2 in DMSO- $d_{6}$ 

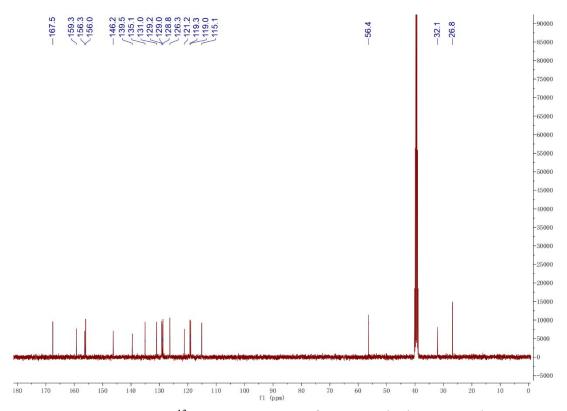


Figure S11.  $^{13}$ C NMR spectrum of compound 2 in DMSO- $d_6$ 

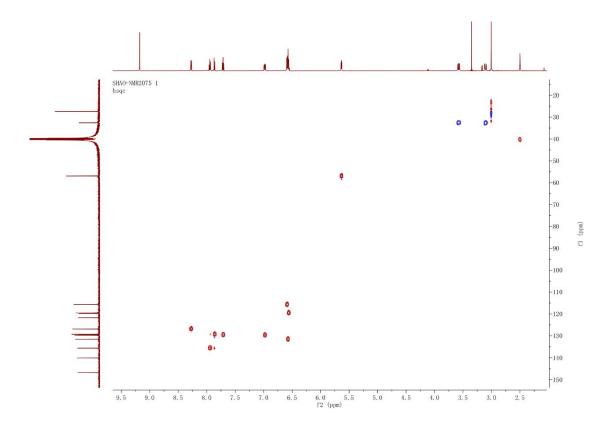


Figure S12. HSQC spectrum of compound 2 in DMSO- $d_6$ 

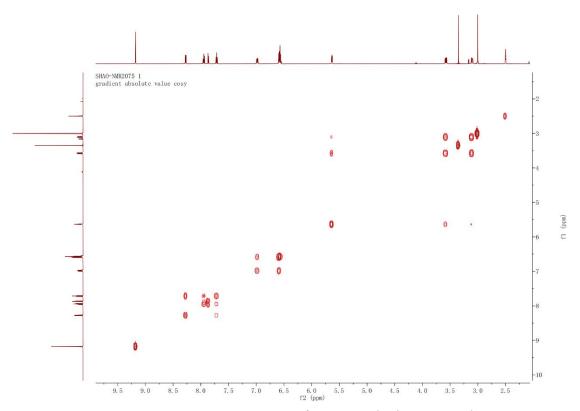


Figure S13. COSY spectrum of compound 2 in DMSO- $d_6$ 

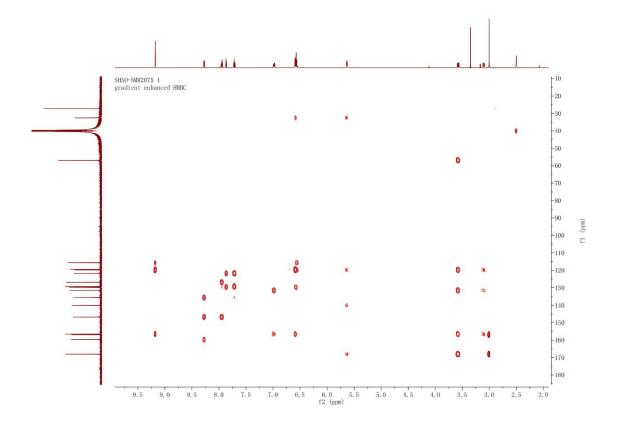


Figure S14. HMBC spectrum of compound 2 in DMSO-d<sub>6</sub>

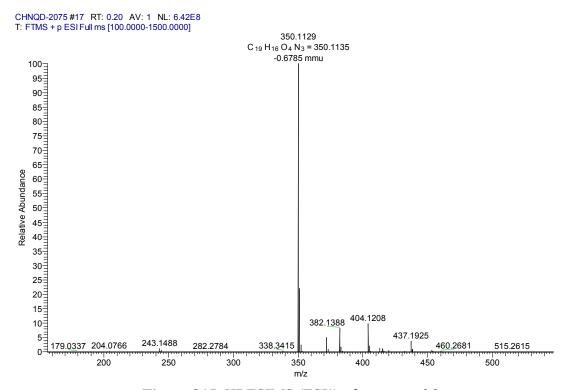


Figure S15. HRESIMS (ESI+) of compound 2