

Supporting Information

Geobarrettin D, a Rare Herbipoline-Containing 6-Bromoindole Alkaloid from *Geodia barretti*

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Figure S1. ^1H NMR spectrum of geobarrettin D (**1**), recorded in CD_3OD , 600 MHz

Figure S2. ^{13}C NMR spectrum of geobarrettin D (**1**), recorded in CD_3OD , 150 MHz

Figure S3. DEPT-135 NMR spectrum of geobarrettin D (**1**)

Figure S4. HSQC spectrum of geobarrettin D (**1**)

Figure S5. HMBC spectrum of geobarrettin D (**1**)

Figure S6. COSY spectrum of geobarrettin D (**1**)

Figure S7. ^1H NMR spectrum of geobarrettin D (**1**), recorded in $\text{D}_2\text{O}/\text{H}_2\text{O}$ 10/90, 600 MHz

Figure S8. ^1H - ^{15}N HSQC spectrum of geobarrettin D (**1**), recorded in $\text{D}_2\text{O}/\text{H}_2\text{O}$ 10/90

Figure S9. ^1H - ^{15}N HMBC spectrum of geobarrettin D (**1**), recorded in $\text{D}_2\text{O}/\text{H}_2\text{O}$ 10/90

Figure S10. ESI spectrum of geobarrettin D (**1**)

Figure S11. IR spectrum of geobarrettin D (**1**)

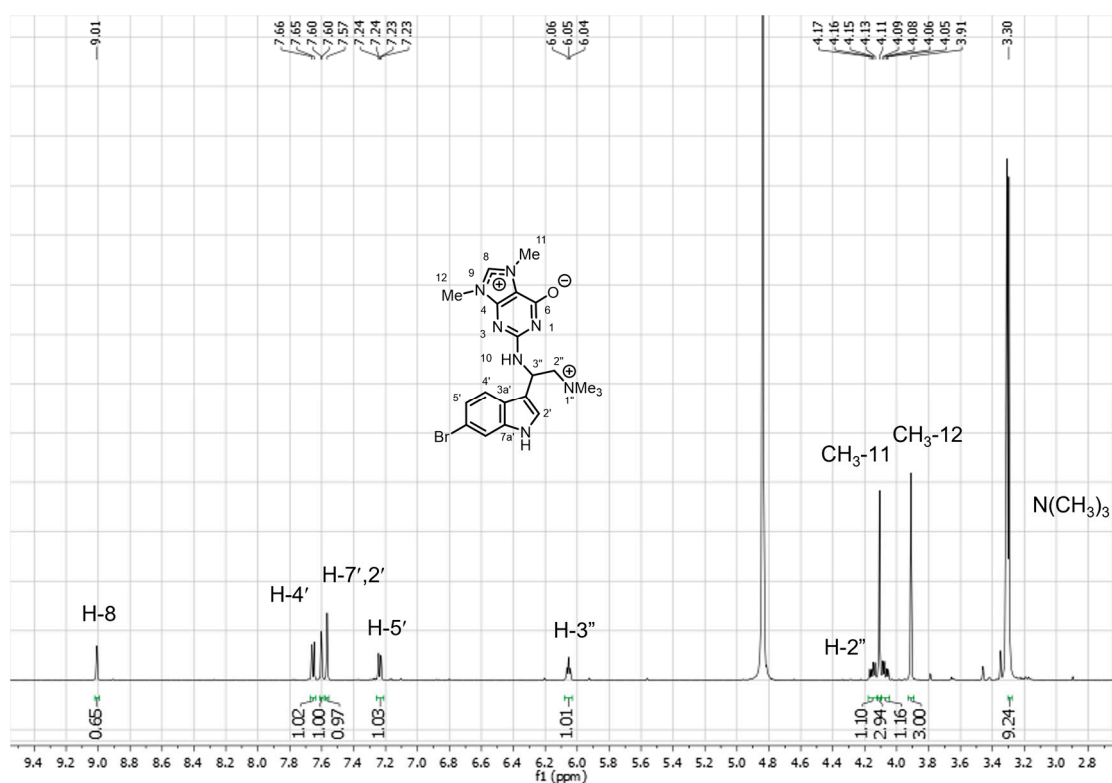


Figure S1. ¹H NMR spectrum of geobarrettin D (**1**), recorded in CD₃OD, 600 MHz.

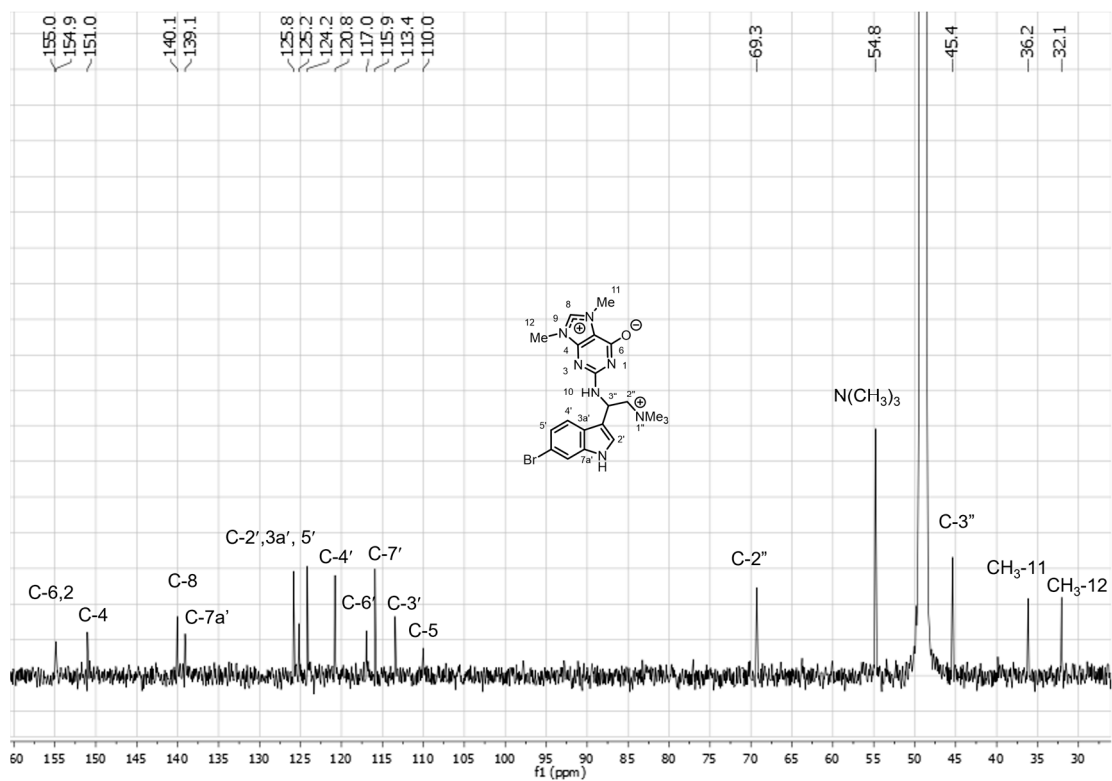


Figure S2. ¹³C NMR spectrum of geobarrettin D (**1**), recorded in CD₃OD, 150 MHz.

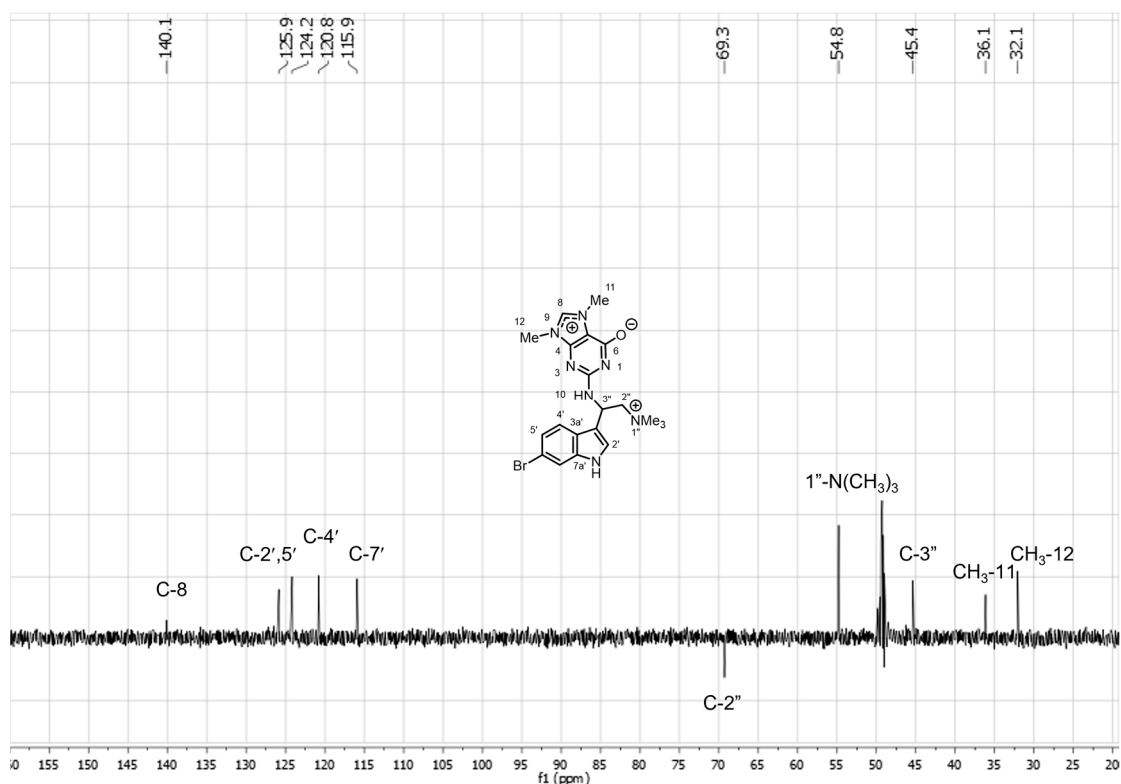


Figure S3. DEPT-135 NMR spectrum of geobarrettin D (1).

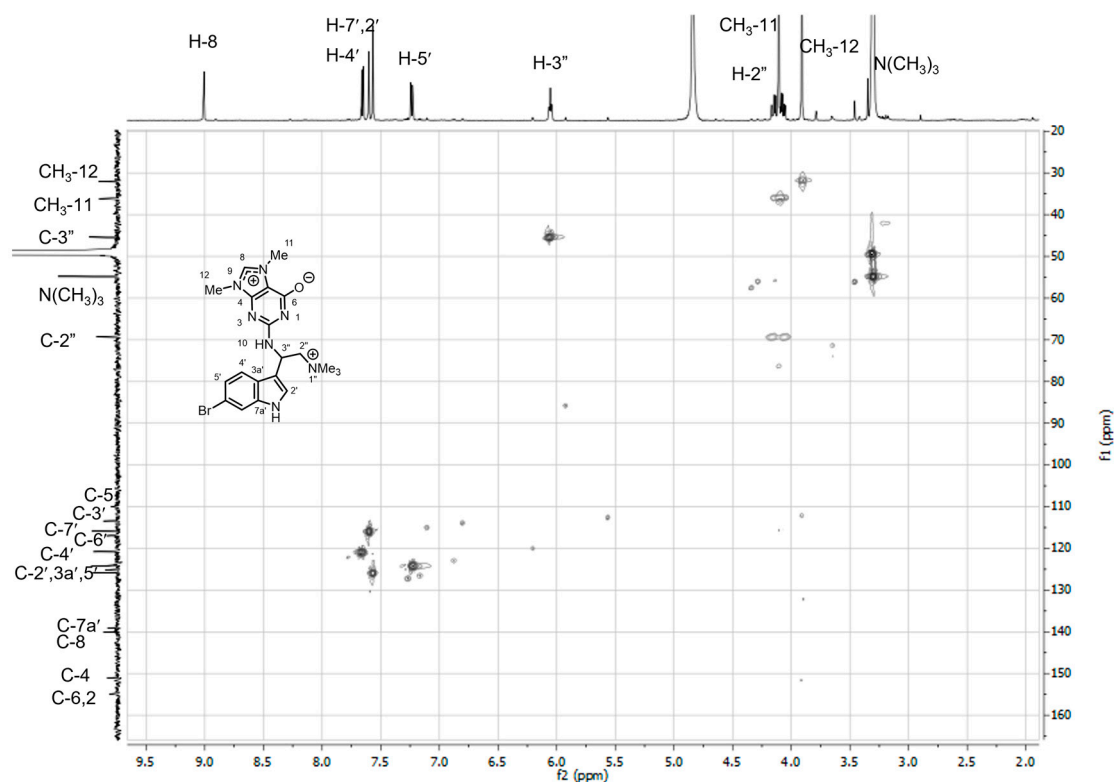


Figure S4. HSQC spectrum of geobarrettin D (1).

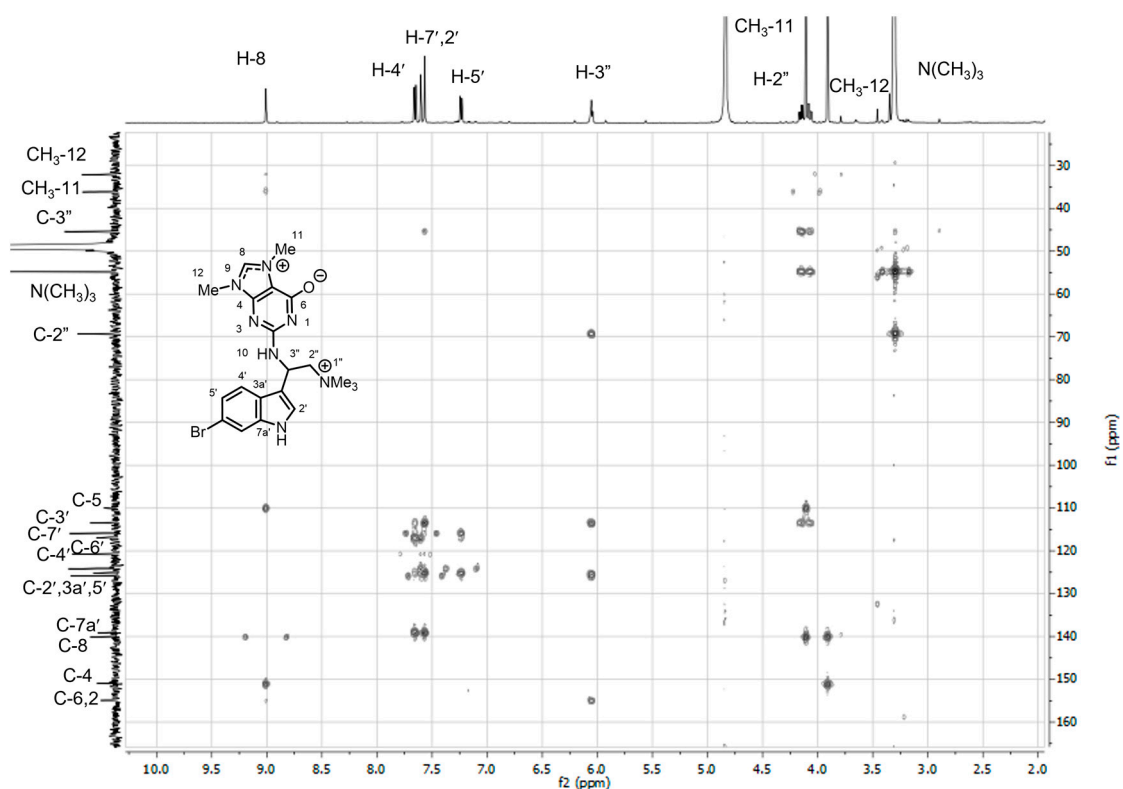


Figure S5. HMBC spectrum of geobarrettin D (1).

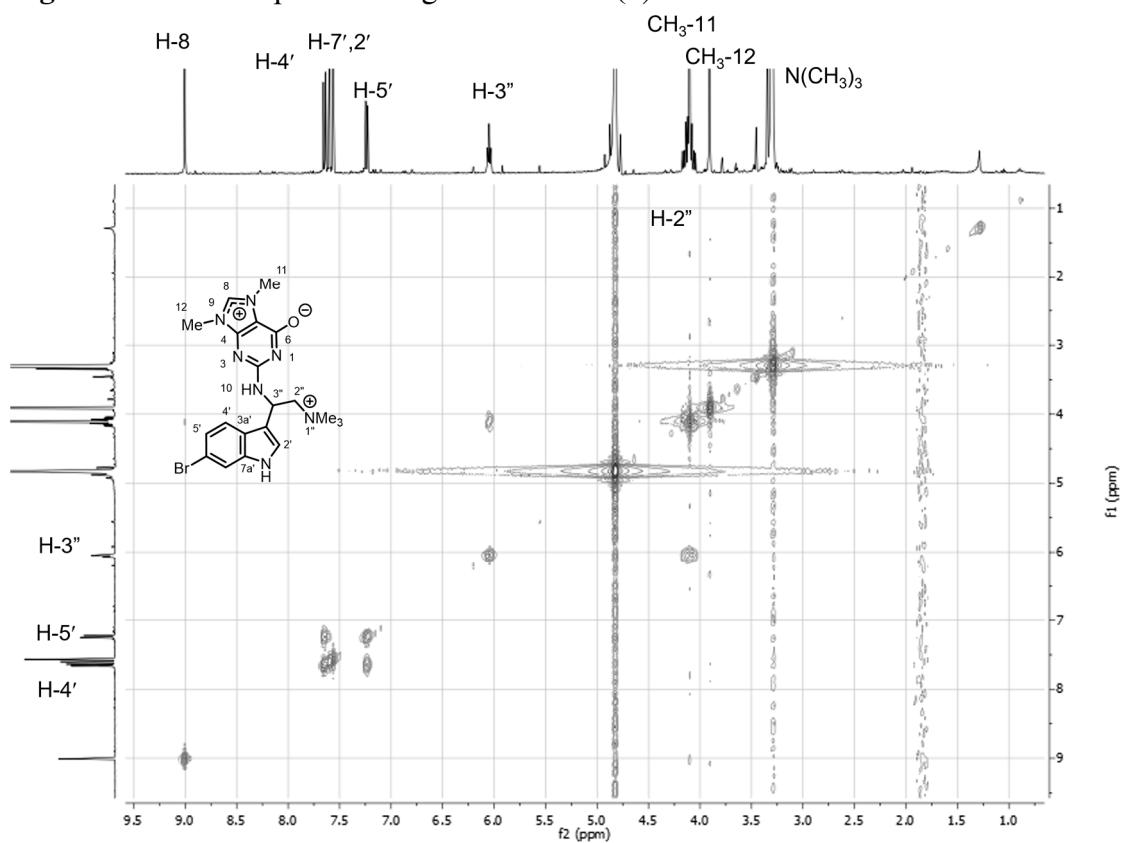


Figure S6. COSY spectrum of geobarrettin D (1).

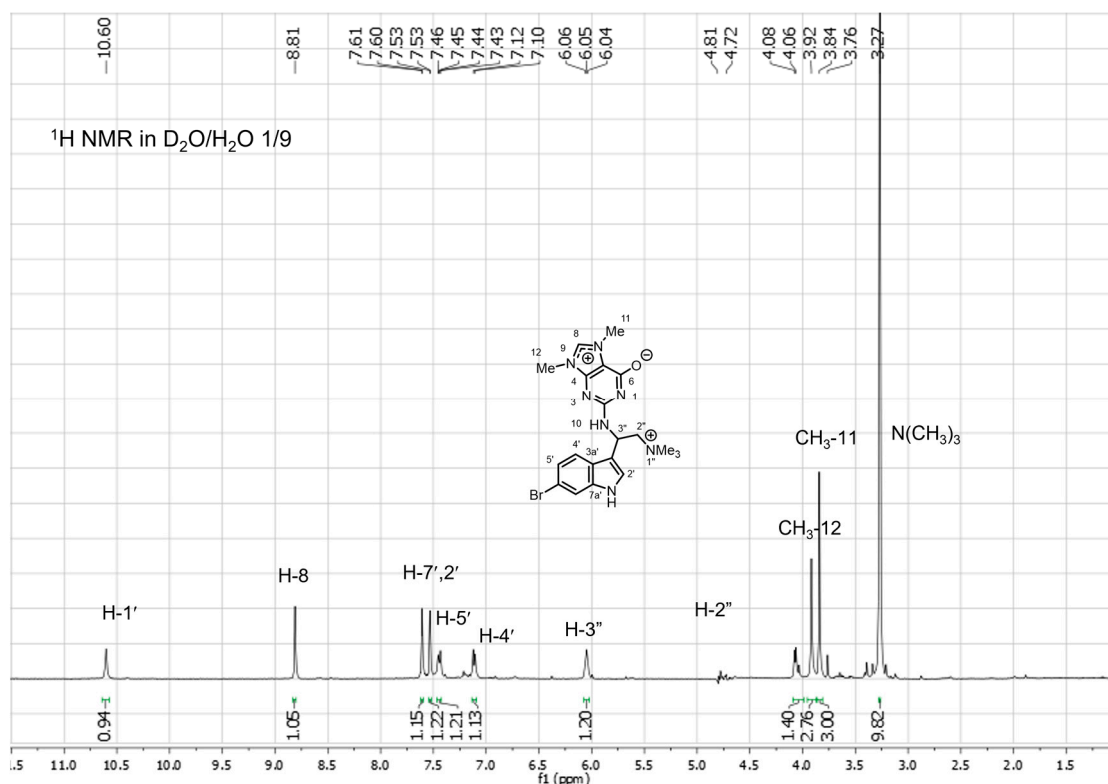


Figure S7. ^1H NMR spectrum of geobarrettin D (1), recorded in $\text{D}_2\text{O}/\text{H}_2\text{O}$ 10/90, 600 MHz.

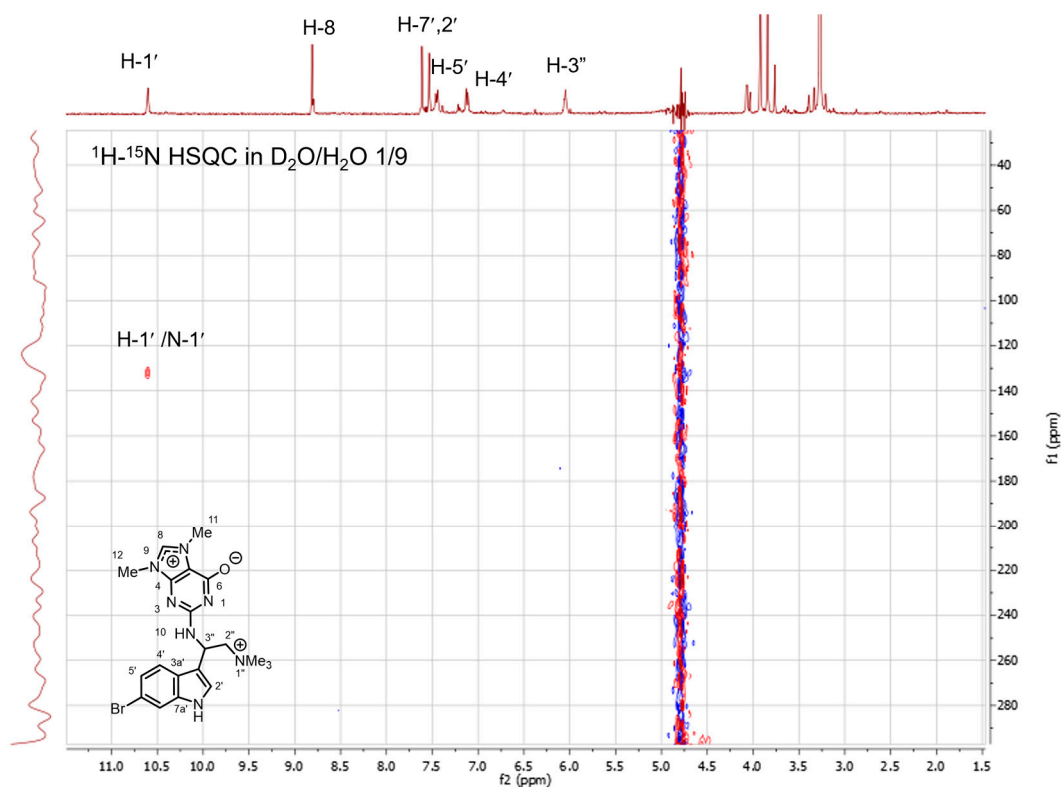


Figure S8. ^1H - ^{15}N HSQC spectrum of geobarrettin D (1), recorded in $\text{D}_2\text{O}/\text{H}_2\text{O}$ 10/90.

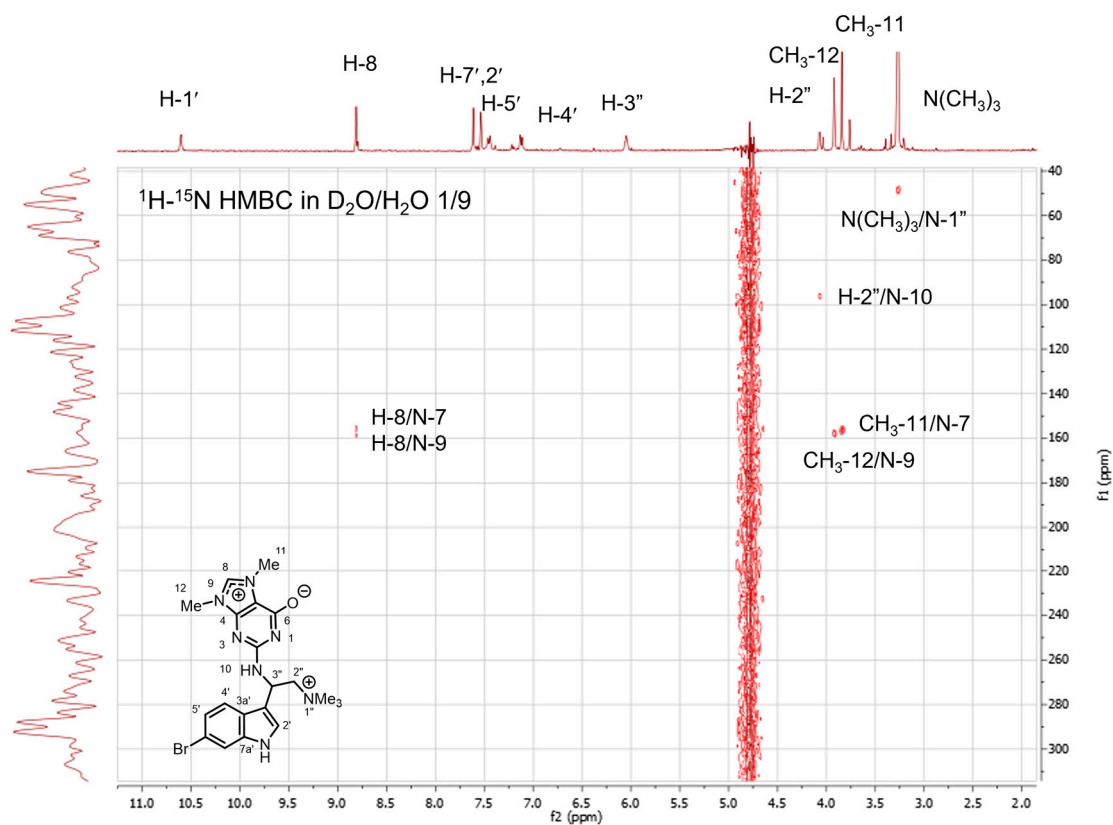


Figure S9. ¹H-¹⁵N HMBC spectrum of geobarrettin D (**1**), recorded in D₂O/H₂O 10/90.

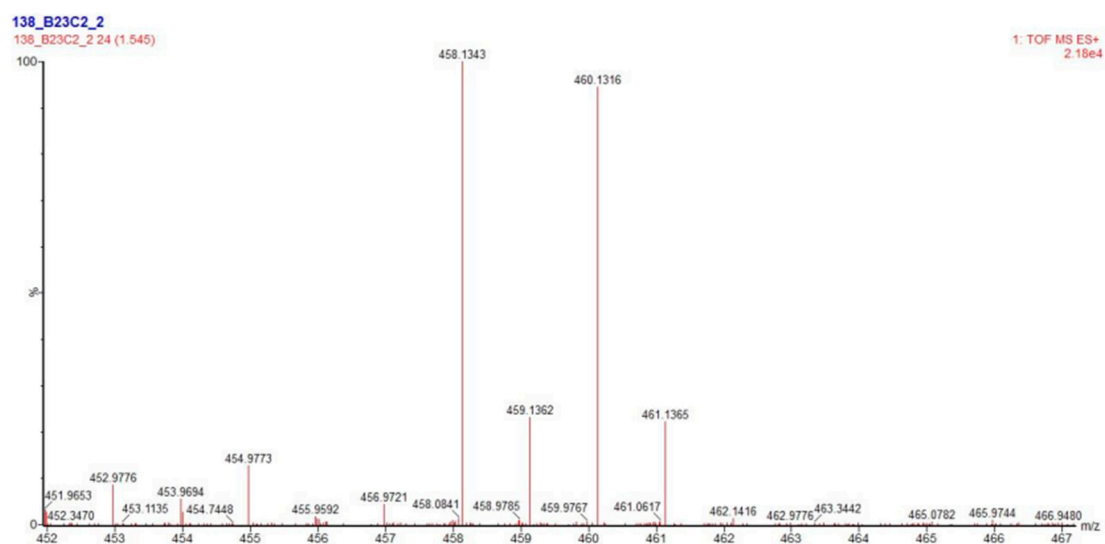
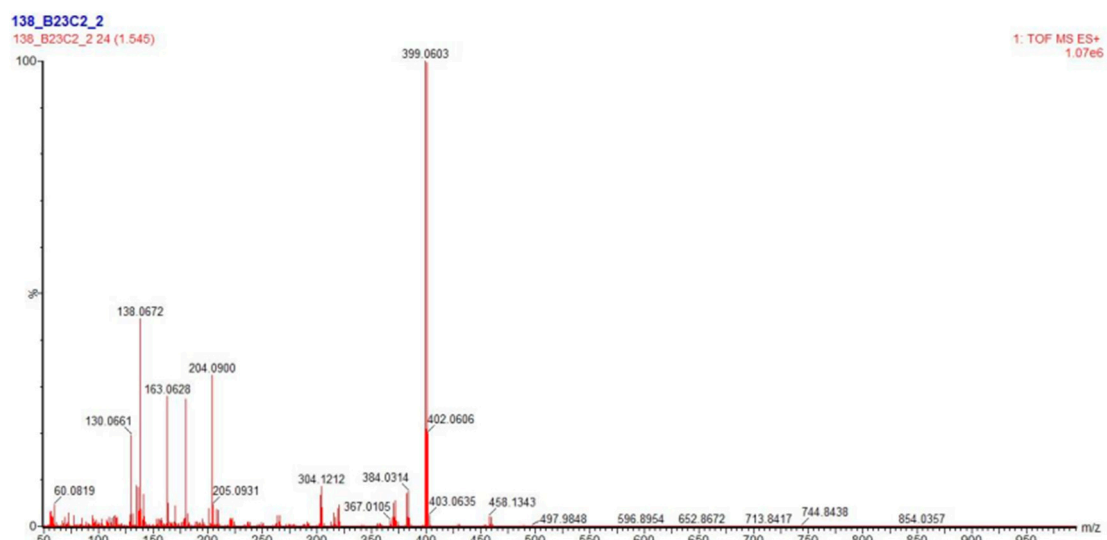


Figure S10. ESI spectrum of geobarrettin D (**1**)

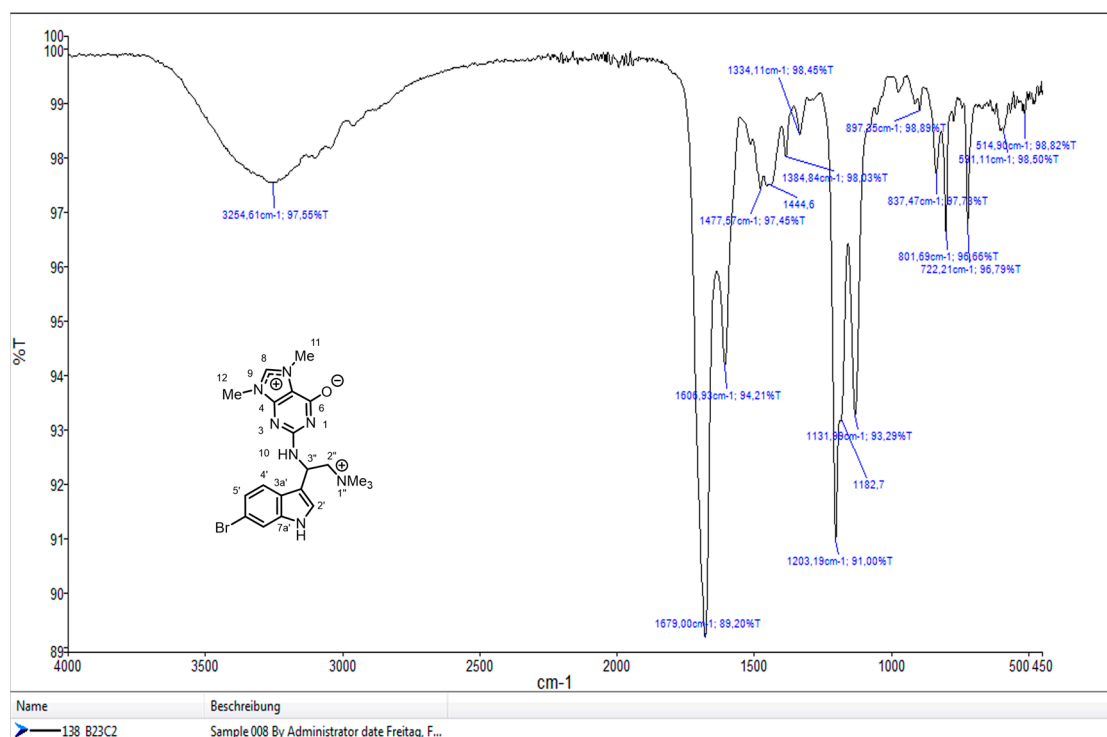


Figure S11. IR spectrum of geobarrettin D (1)