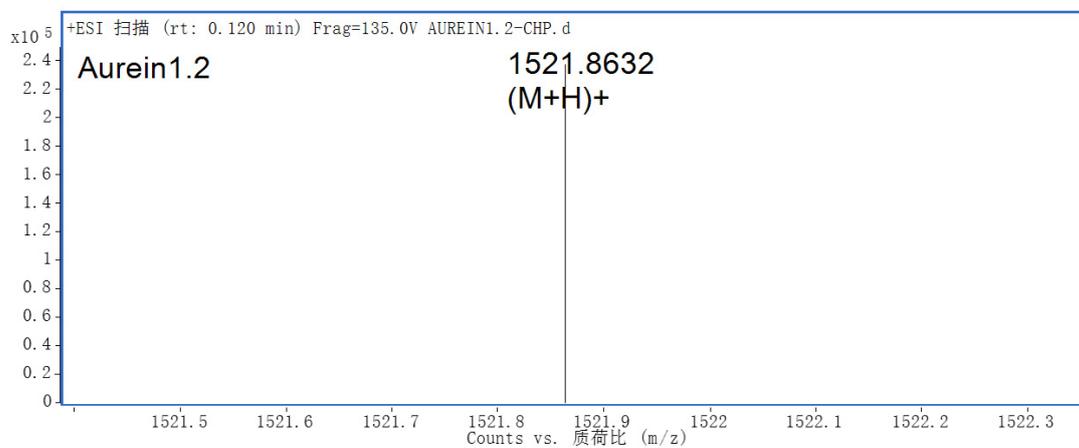


## Supplementary Material

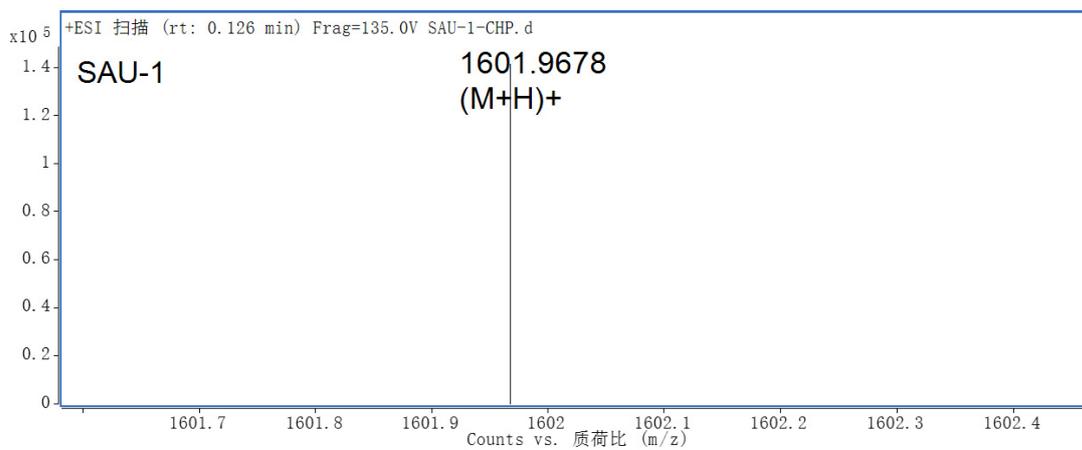
**Table S1. Electrospray MS data for peptides (positive mode)**

Peptide	Molecular Weight (g/mol)	Found Mass
Aurein1.2	1520.86	[M+H] <sup>+</sup> = 1521.8632;
Sau-1	1600.96	[M+H] <sup>+</sup> = 1601.9678;
Sau-2	1544.86	[M+H] <sup>+</sup> = 1545.8645;
Sau-3	1495.87	[M+H] <sup>+</sup> = 1496.8702;
Sau-4	1527.90	[M+H] <sup>+</sup> = 1528.9080;
Sau-5	1544.86	[M+H] <sup>+</sup> = 1545.8657;
Sau-6	1586.91	[M+H] <sup>+</sup> = 1587.9116;
Sau-7	1513.89	[M+H] <sup>+</sup> = 1514.8955;
Sau-8	1555.90	[M+H] <sup>+</sup> = 1556.9061;
Sau-9	1510.88	[M+H] <sup>+</sup> = 1511.8856;

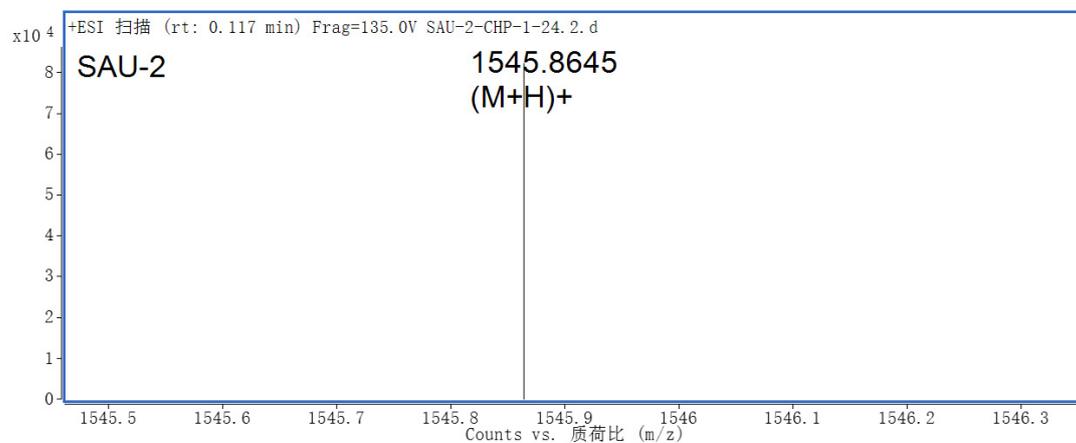
**Spectrum**



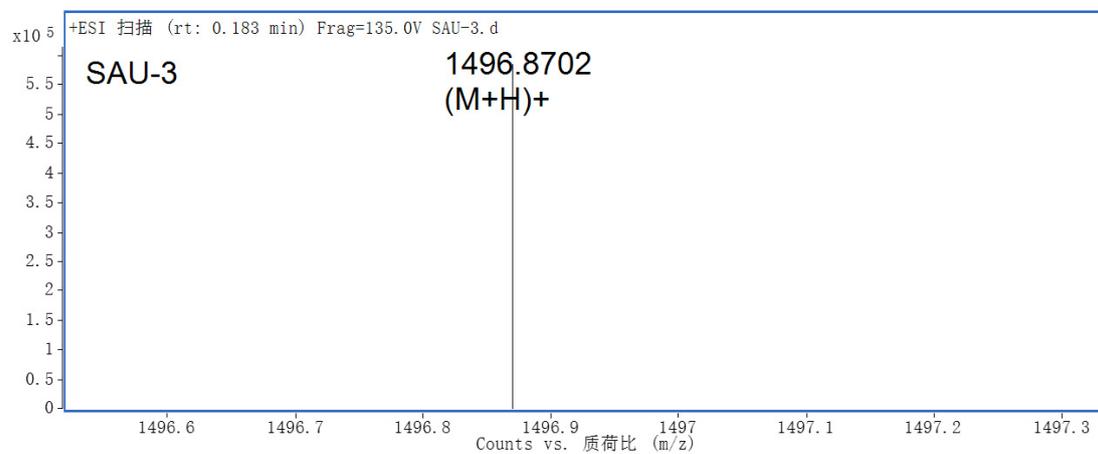
**Figure S1.** HR-MS for compound **Aurein1.2**



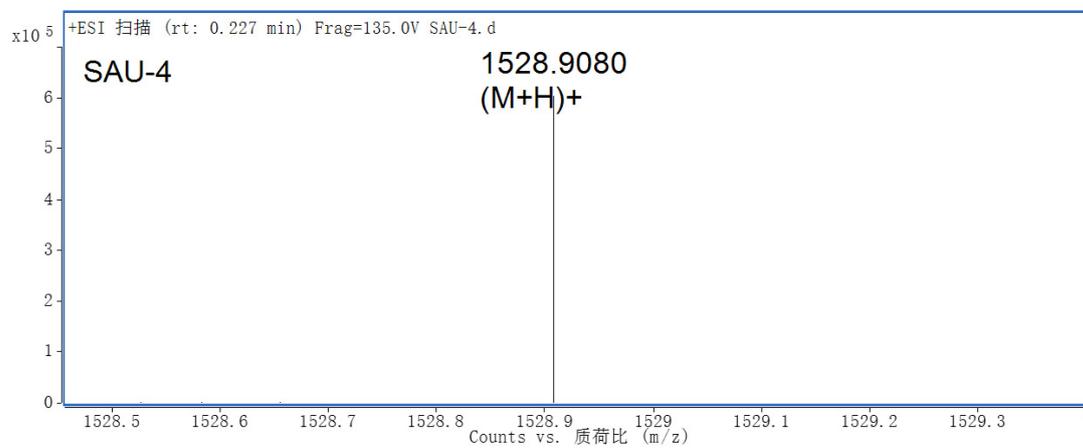
**Figure S2.** HR-MS for compound **SAU-1**



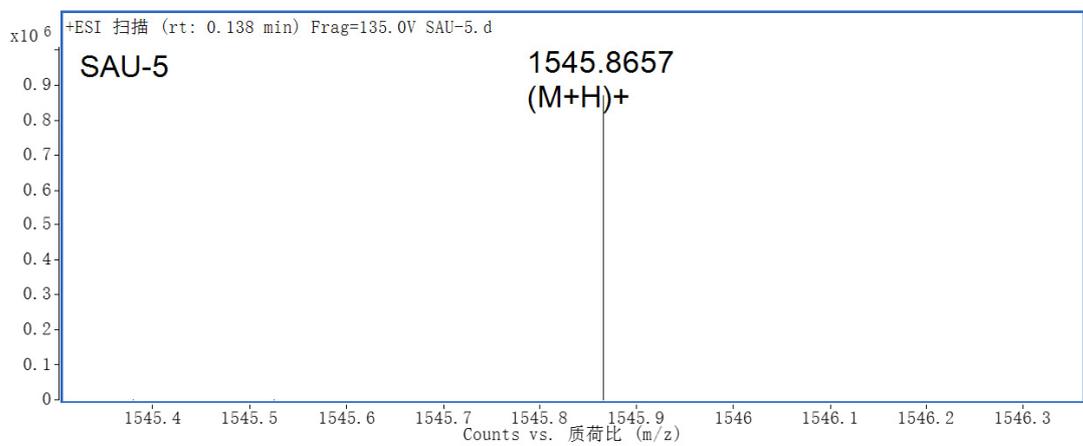
**Figure S3.** HR-MS for compound SAU-2



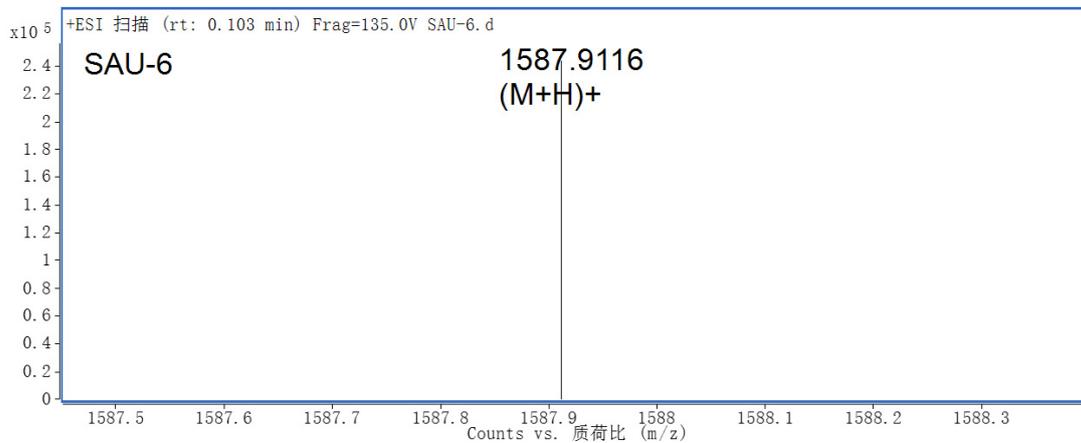
**Figure S4.** HR-MS for compound SAU-3



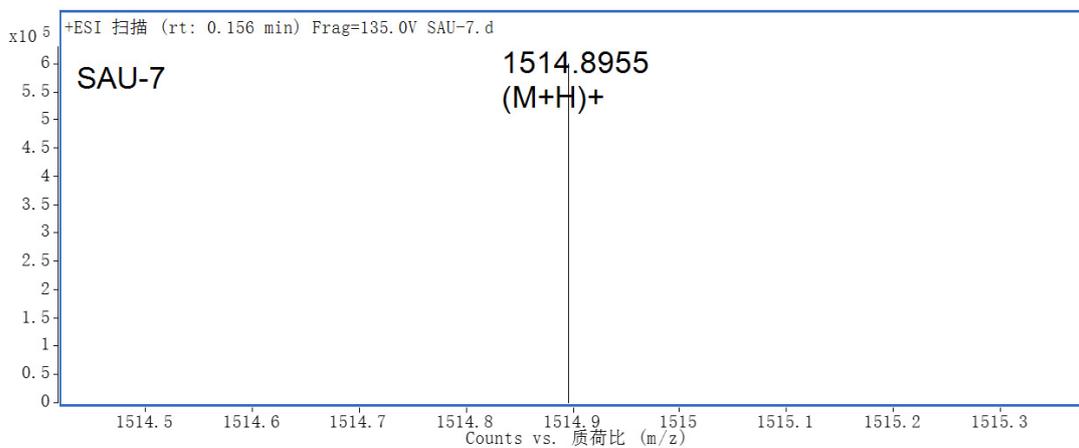
**Figure S5.** HR-MS for compound SAU-4



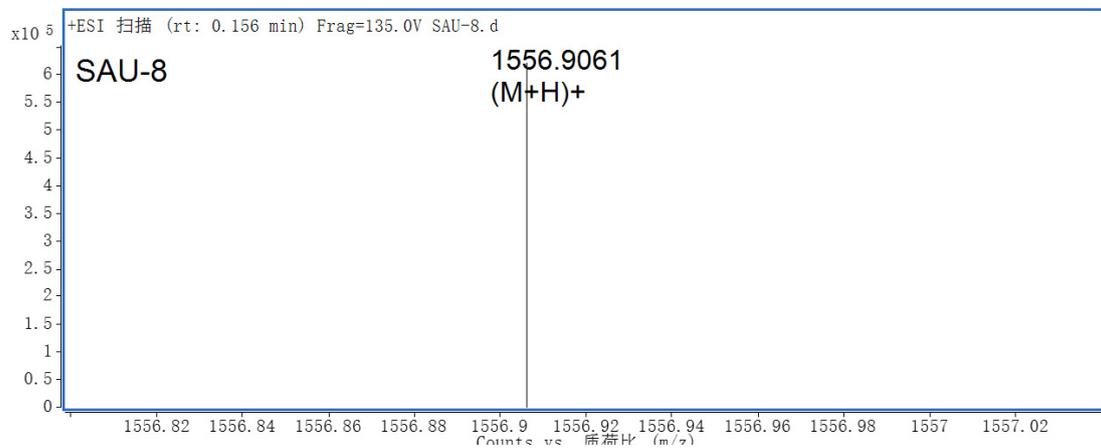
**Figure S6.** HR-MS for compound SAU-5



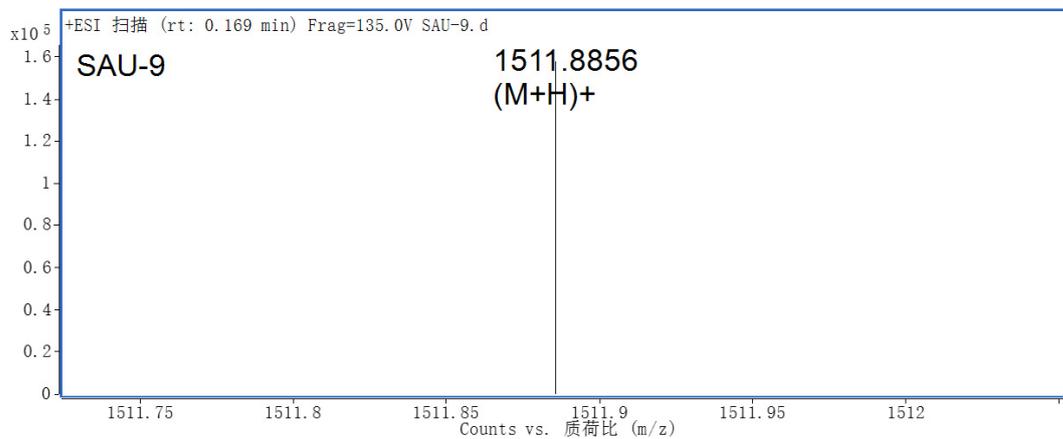
**Figure S7.** HR-MS for compound SAU-6



**Figure S8.** HR-MS for compound SAU-7



**Figure S9.** HR-MS for compound SAU-8



**Figure S10.** HR-MS for compound SAU-9

### AUREIN1.2

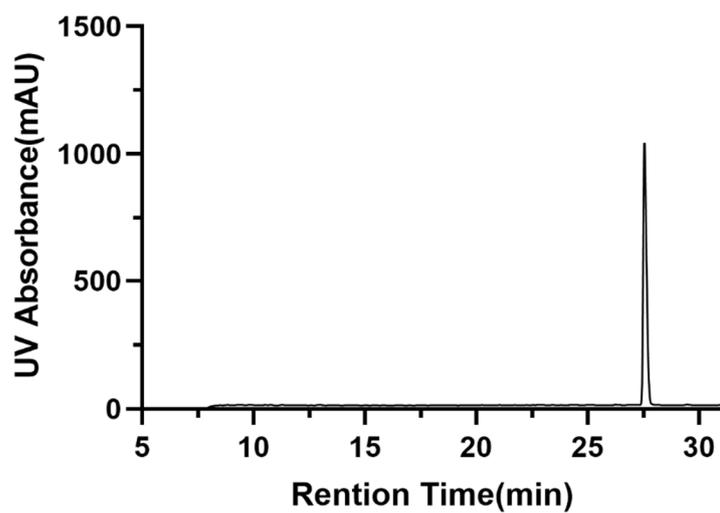


Figure S11. Analytical HPLC trace for compound Aurein1.2

### SAU-1

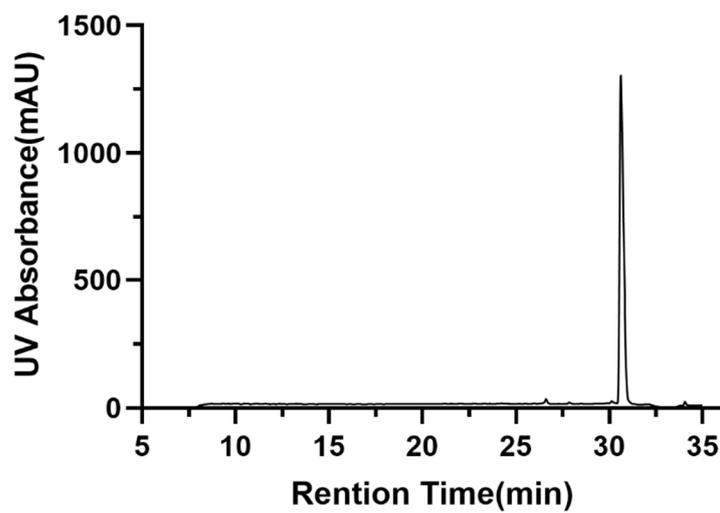


Figure S12. Analytical HPLC trace for compound SAU-1

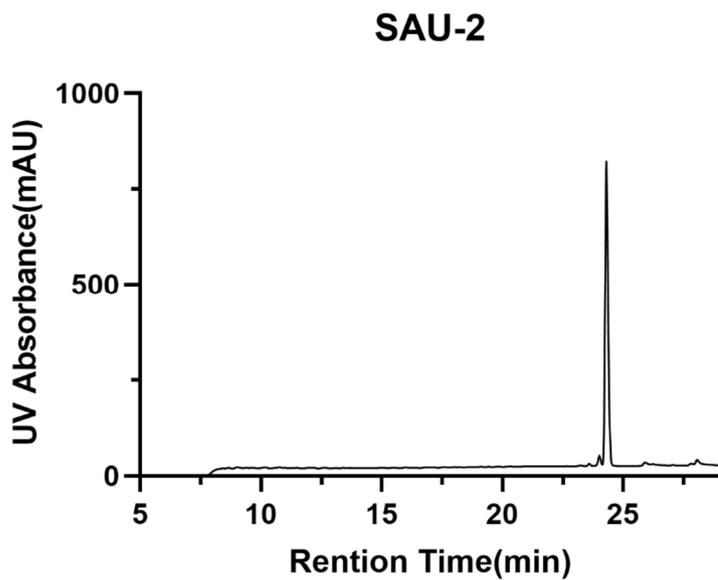


Figure S13. Analytical HPLC trace for compound SAU-2

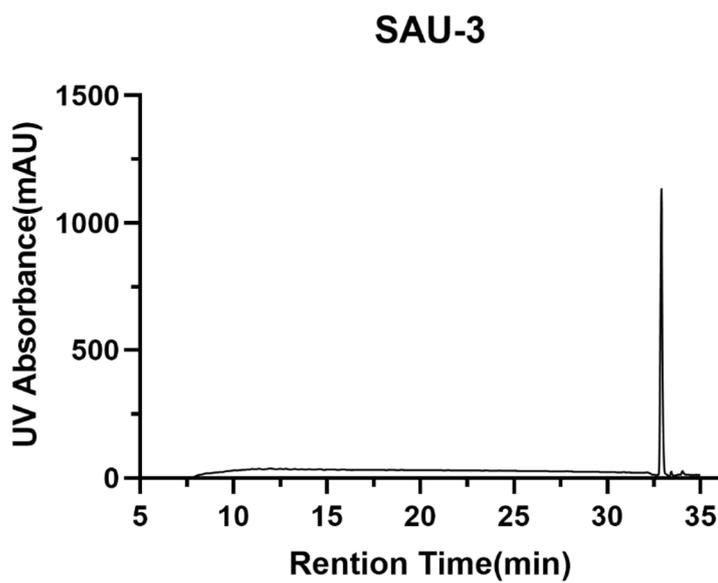


Figure S14. Analytical HPLC trace for compound SAU-3

### SAU-4

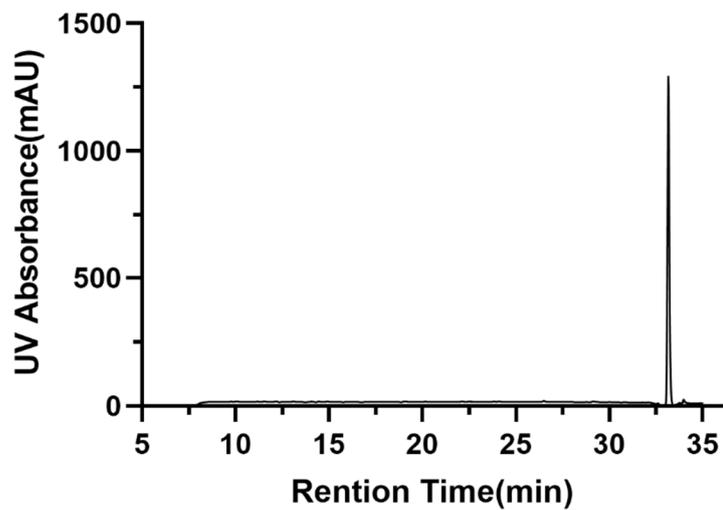


Figure S15. Analytical HPLC trace for compound SAU-4

### SAU-5

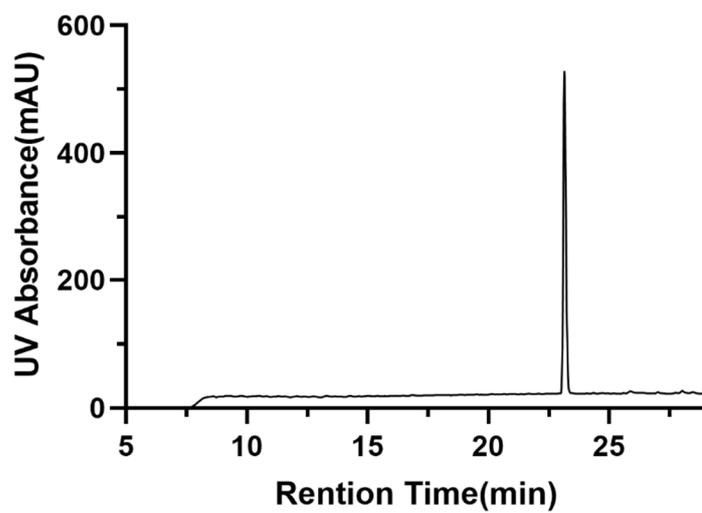


Figure S16. Analytical HPLC trace for compound SAU-5

### SAU-6

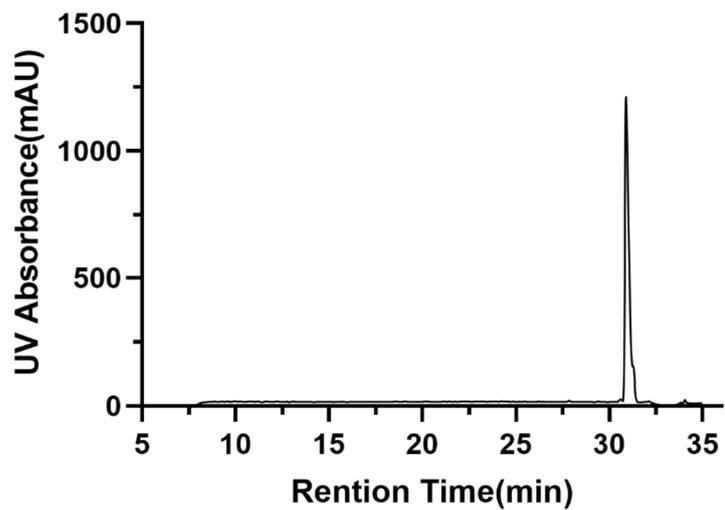


Figure S17. Analytical HPLC trace for compound SAU-6

### SAU-7

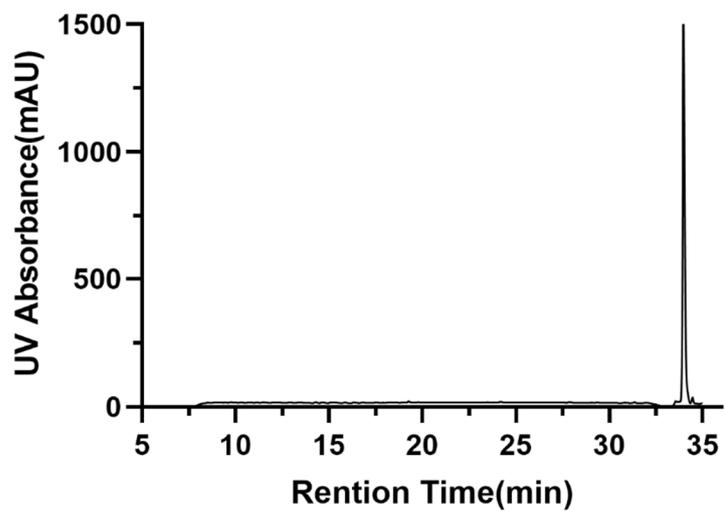


Figure S18. Analytical HPLC trace for compound SAU-7

### SAU-8

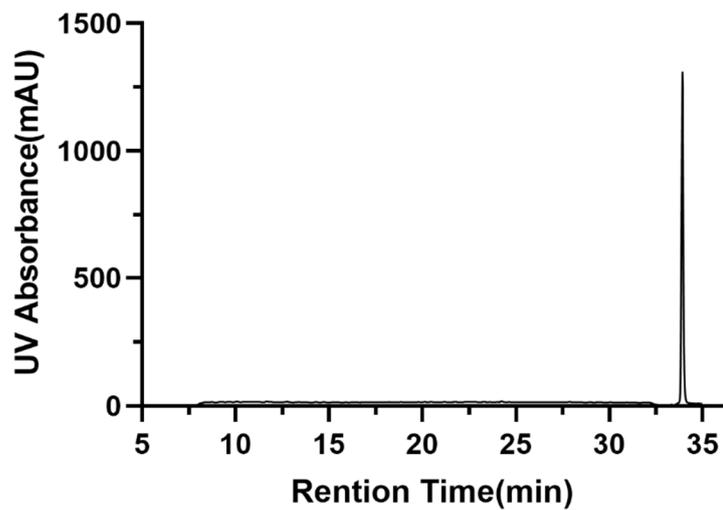


Figure S19. Analytical HPLC trace for compound SAU-8

### SAU-9

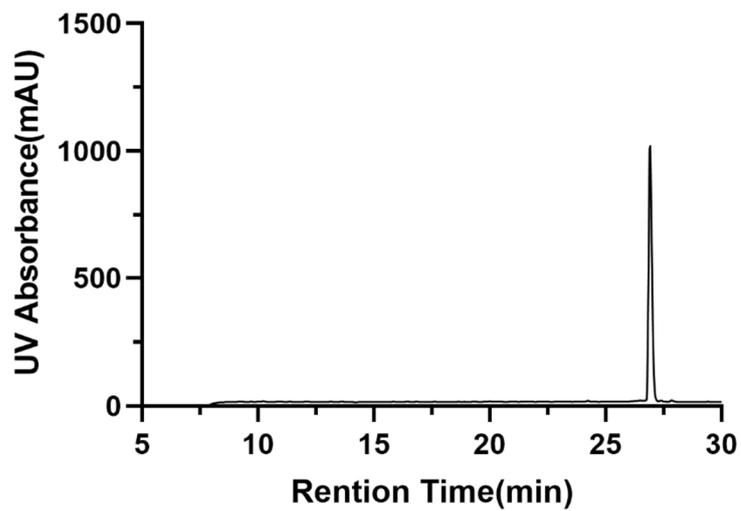
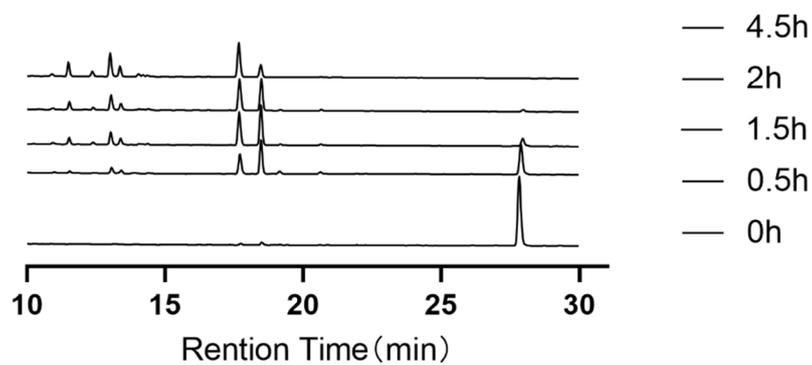


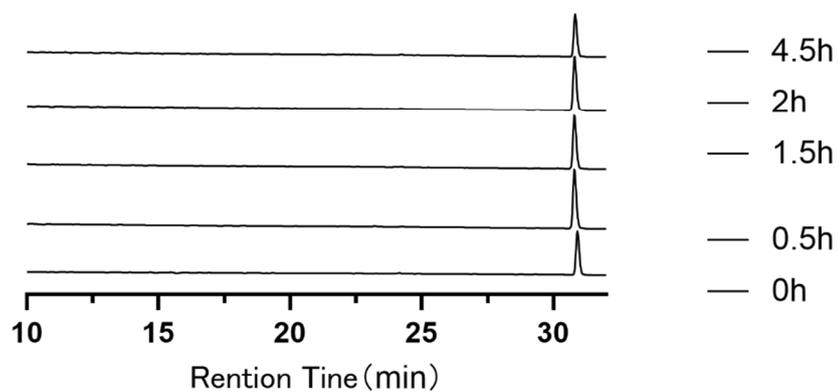
Figure S20. Analytical HPLC trace for compound SAU-9

## AUREIN1.2



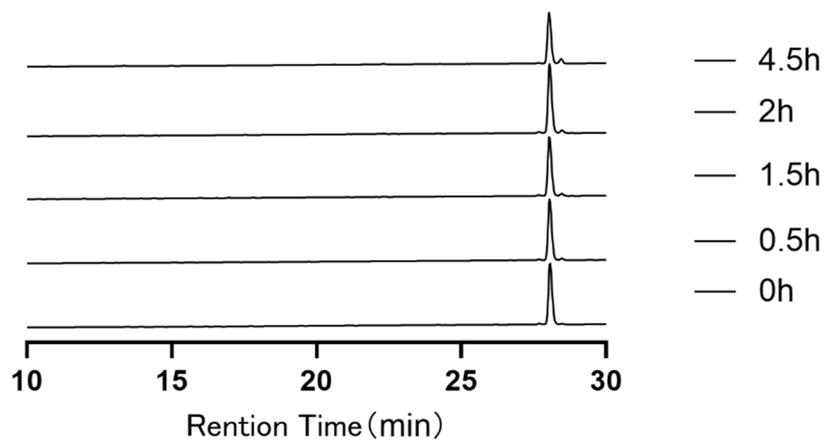
**Figure S21.** Analytical HPLC trace for Residual content of compound Aurein1.2

## SAU-1



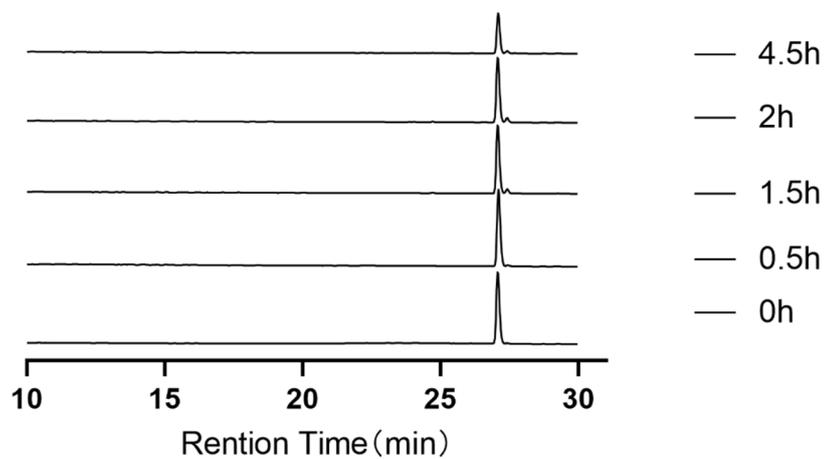
**Figure S22.** Analytical HPLC trace for Residual content of compound SAU-1

### SAU-2



**Figure S22.** Analytical HPLC trace for Residual content of compound SAU-2

### SAU-5



**Figure S23.** Analytical HPLC trace for Residual content of compound SAU-5

### SAU-9

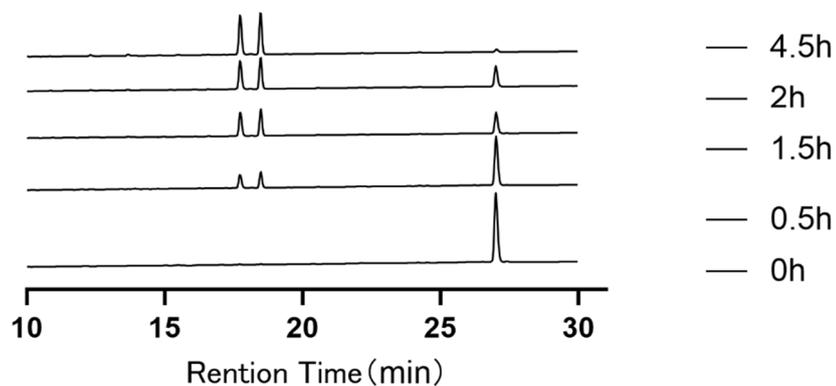


Figure S24. Analytical HPLC trace for Residual content of compound SAU-9

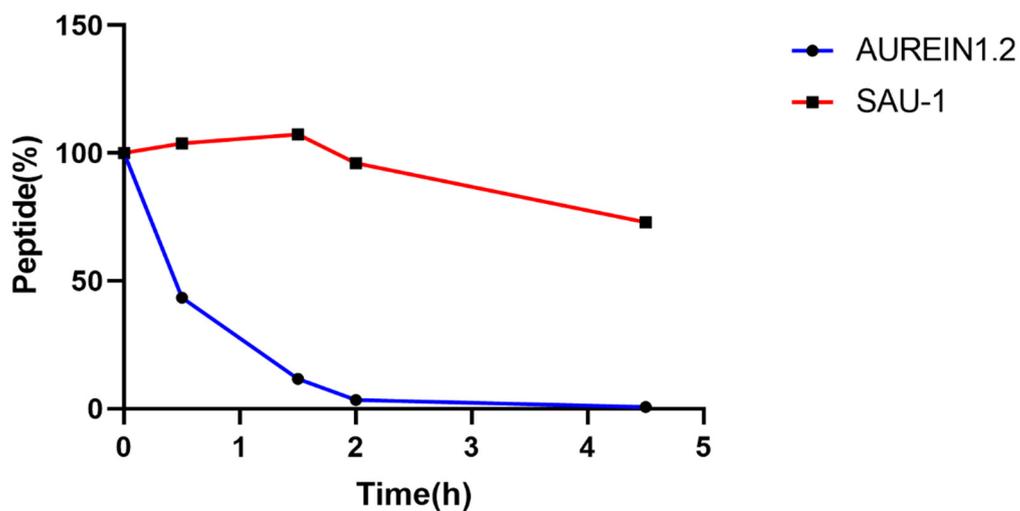


Figure S25. The hydrolytic stability of Aurein1.2 and SAU -1 was determined by high performance liquid chromatography

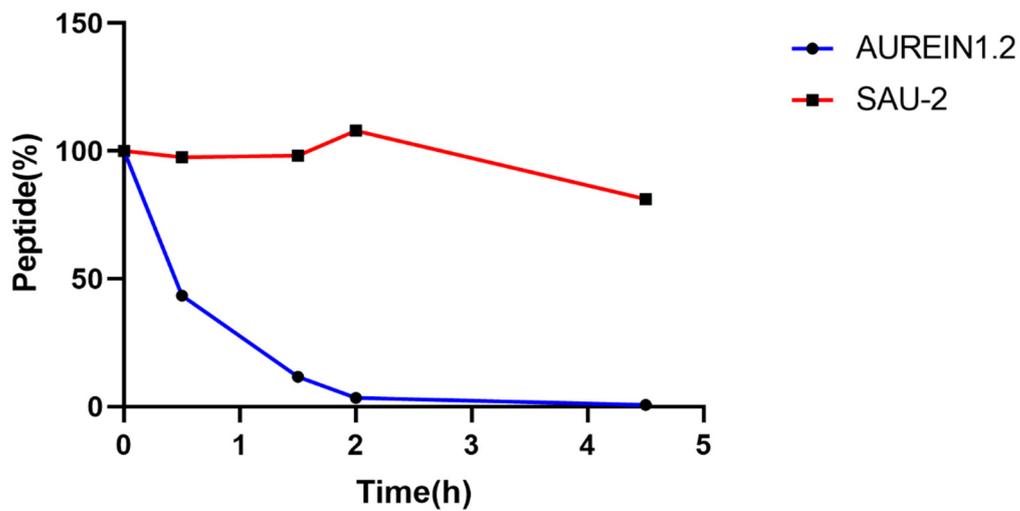


Figure S26. The hydrolytic stability of Aurein1.2 and SAU -2 was determined by high performance liquid chromatography

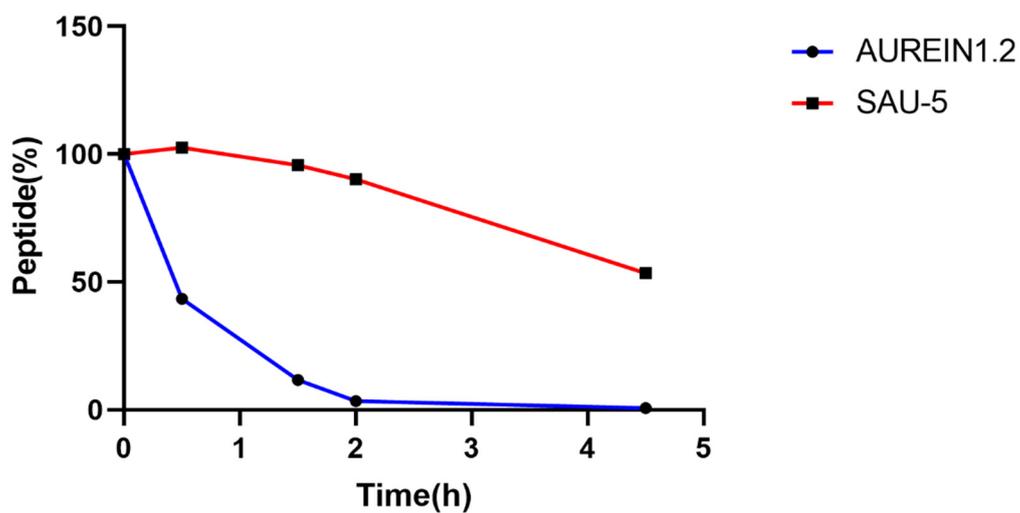
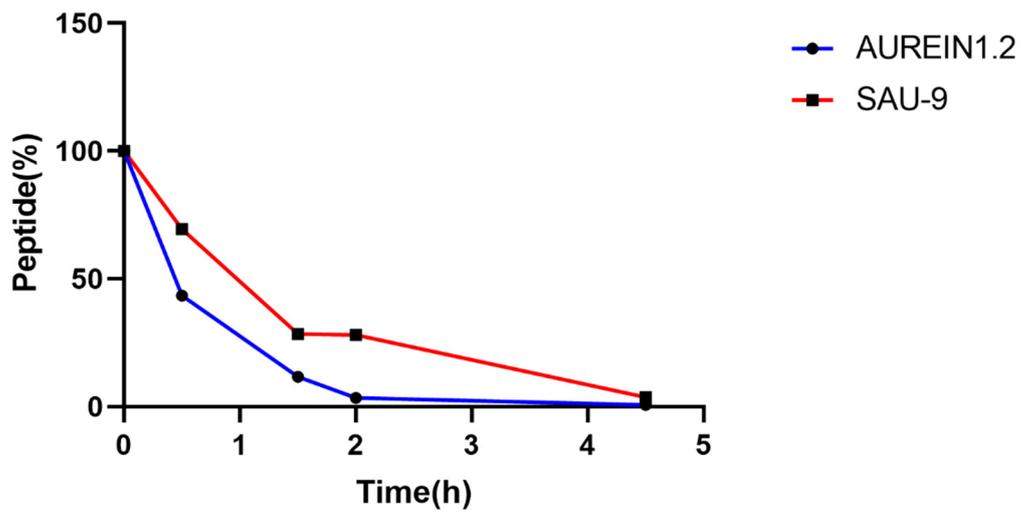


Figure S27. The hydrolytic stability of Aurein1.2 and SAU -5 was determined by high performance liquid chromatography



**Figure S28.** The hydrolytic stability of Aurein1.2 and SAU -9 was determined by high performance liquid chromatography