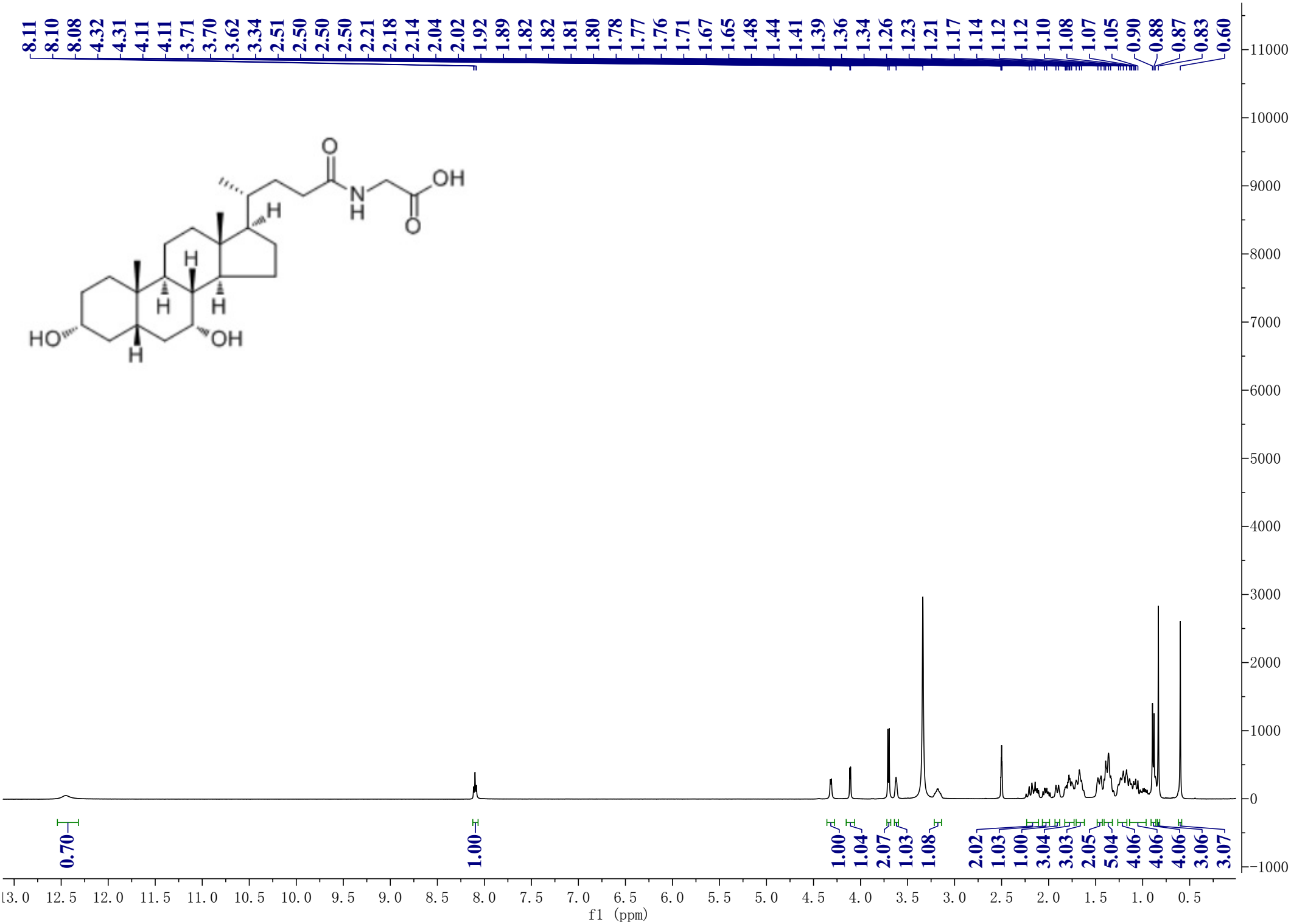
8.11 8.10 8.08 4.32 4.31 4.11 4.11 3.71 3.70 3.62 3.34 2.51 2.50 2.50 2.50 2.21 2.18 2.14 2.04 2.02 1.92 1.89 1.82 1.82 1.81 1.80 1.78 1.77 1.76 1.71 1.67 1.65 1.48 1.44 1.41 1.39 1.36 1.34 1.26 1.23 1.21 1.17 1.14 1.12 1.12 1.10 1.08 1.07 1.05 0.90 0.88 0.87 0.83 0.60
O
OH
N
H
O
H
H
H
H
HO
OH
H
0.70
1.00
1.00 1.04 2.07 1.03 1.08
2.02 1.03 1.00 3.04 3.03 2.05 5.04 4.06 4.06 4.06 3.06 3.07
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1000
13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5
f1 (ppm)