

Supplementary Material

Aerophobin-1 from the marine sponge *Aplysina aerophoba* modulates osteogenesis in zebrafish larvae

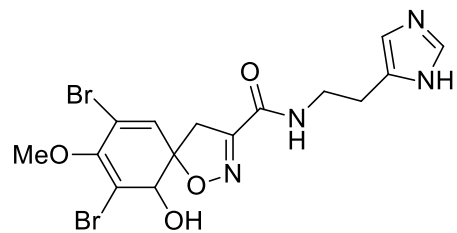
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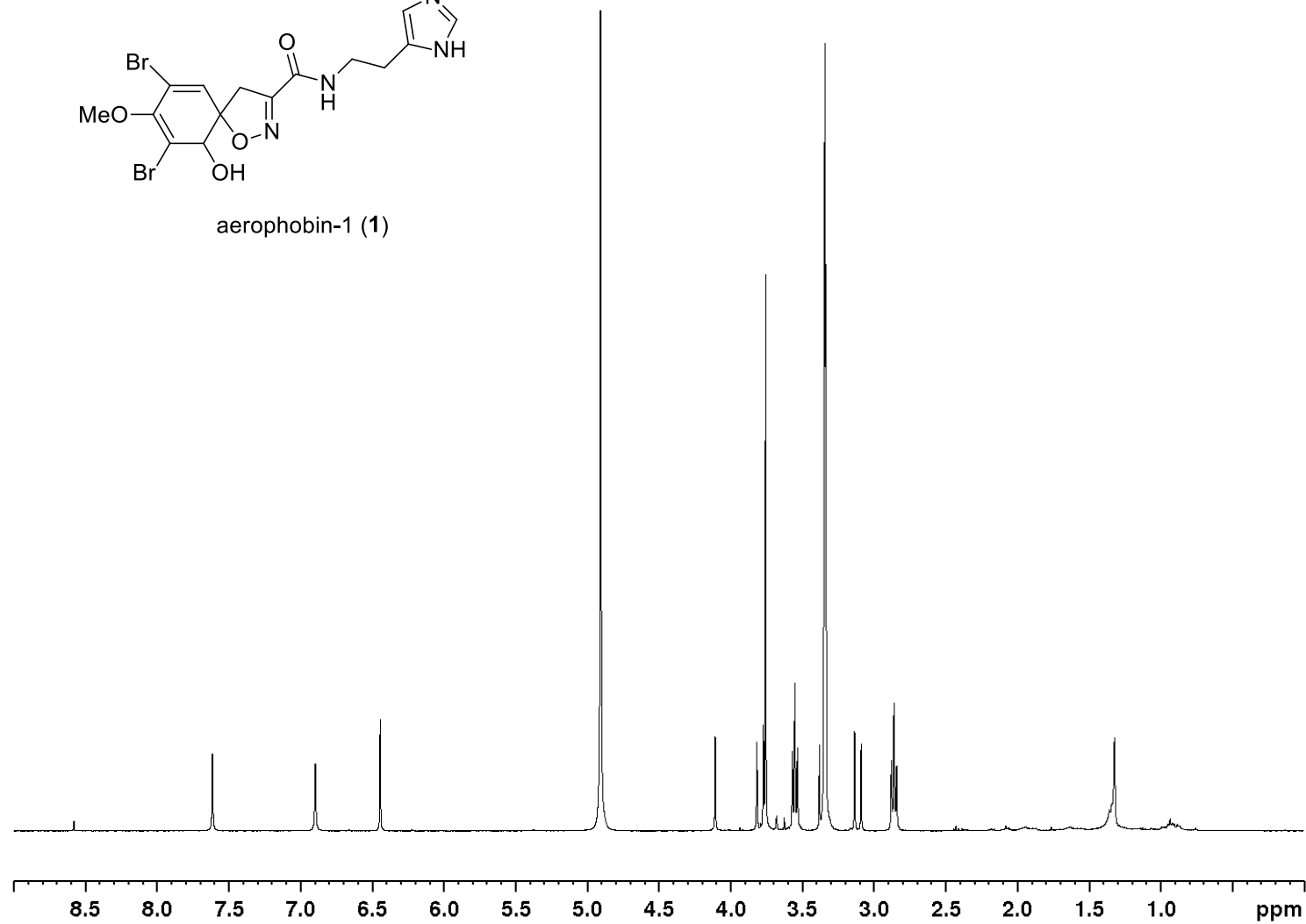
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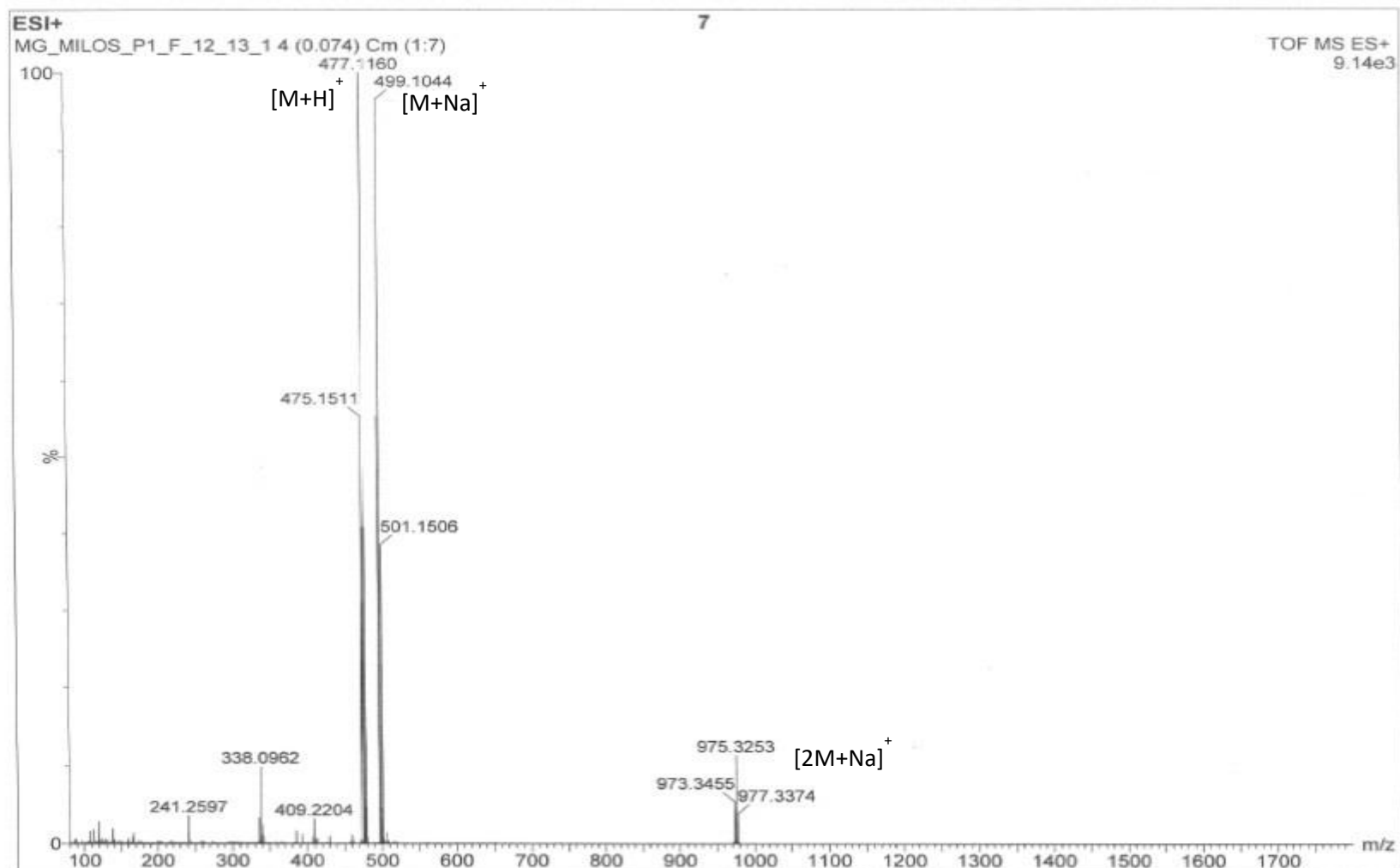
S1



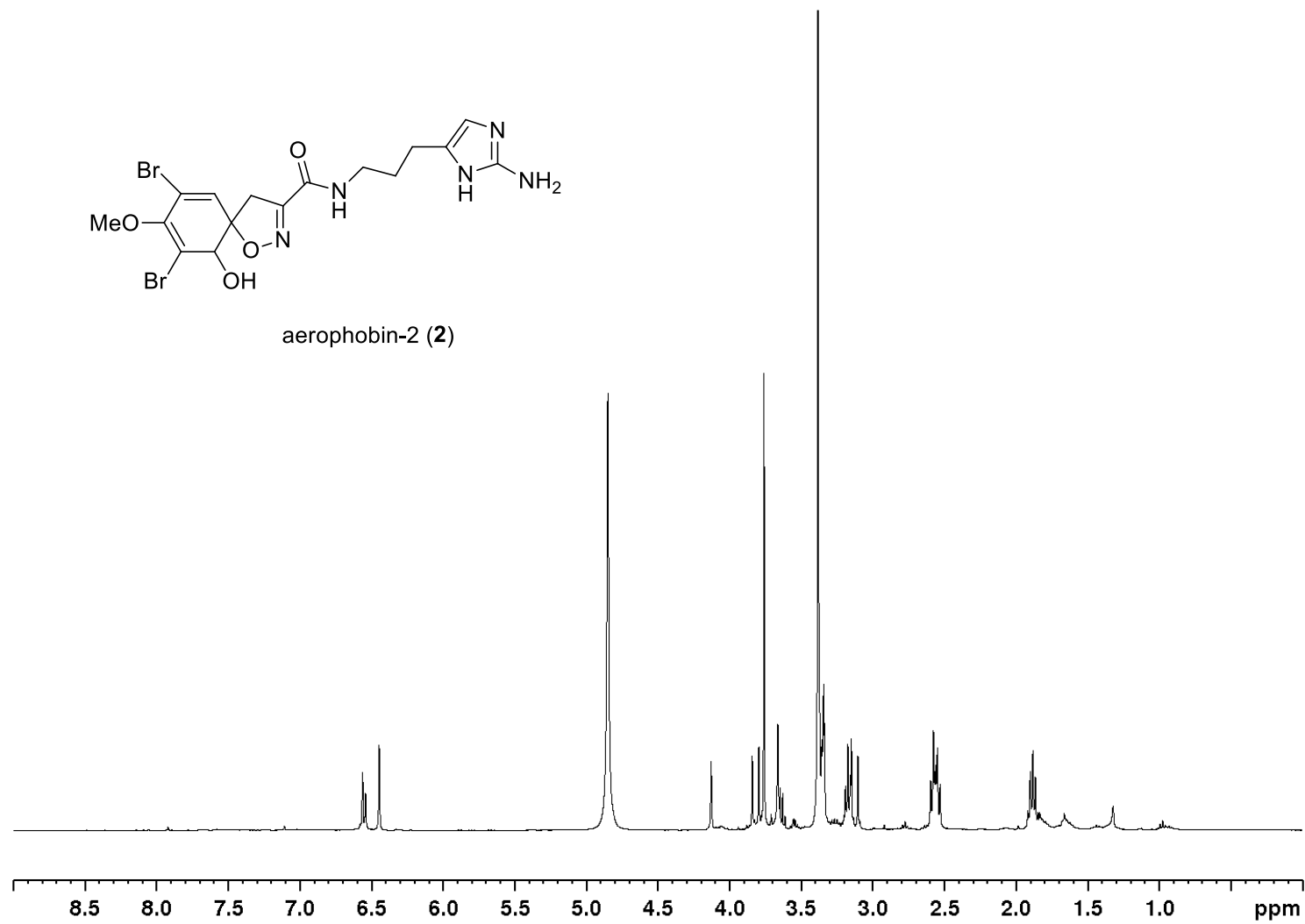
aerophobin-1 (1)



¹H NMR spectrum of aerophobin- 1 (1) (400 MHz, MeOD)

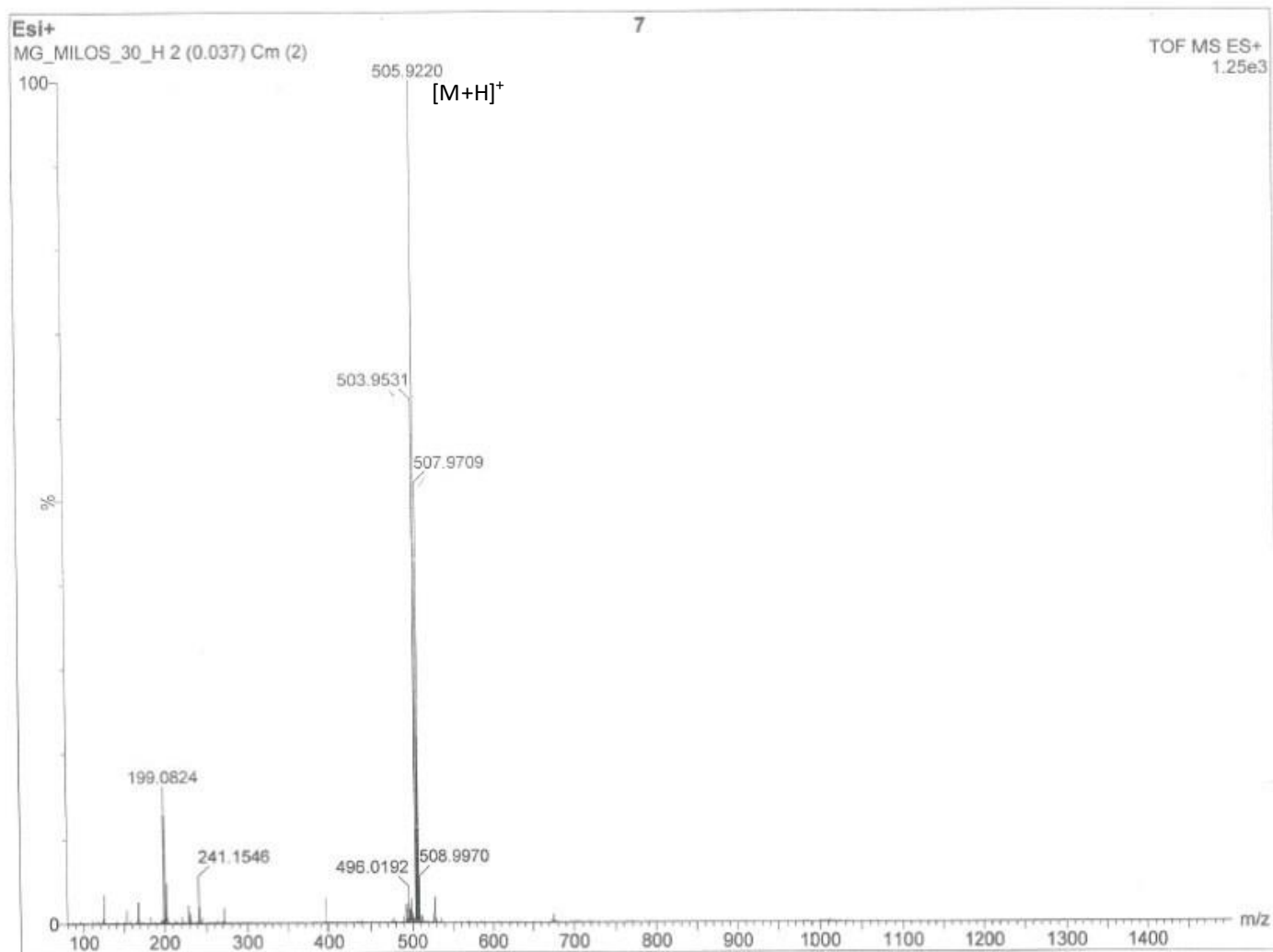


ESI-MS spectrum of aerophobin- 1 (1)

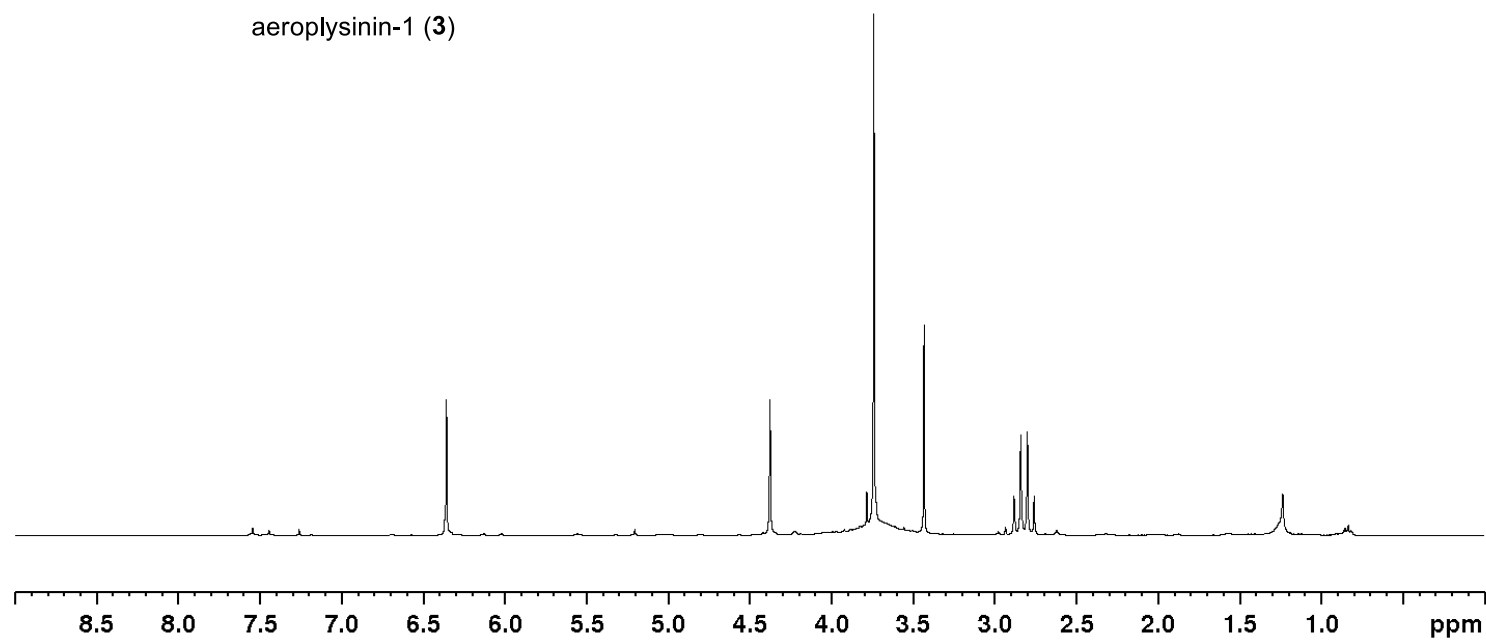
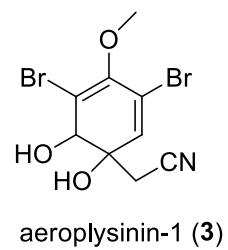


¹H NMR spectrum of aerophobin- 2 (2) (400 MHz, MeOD)

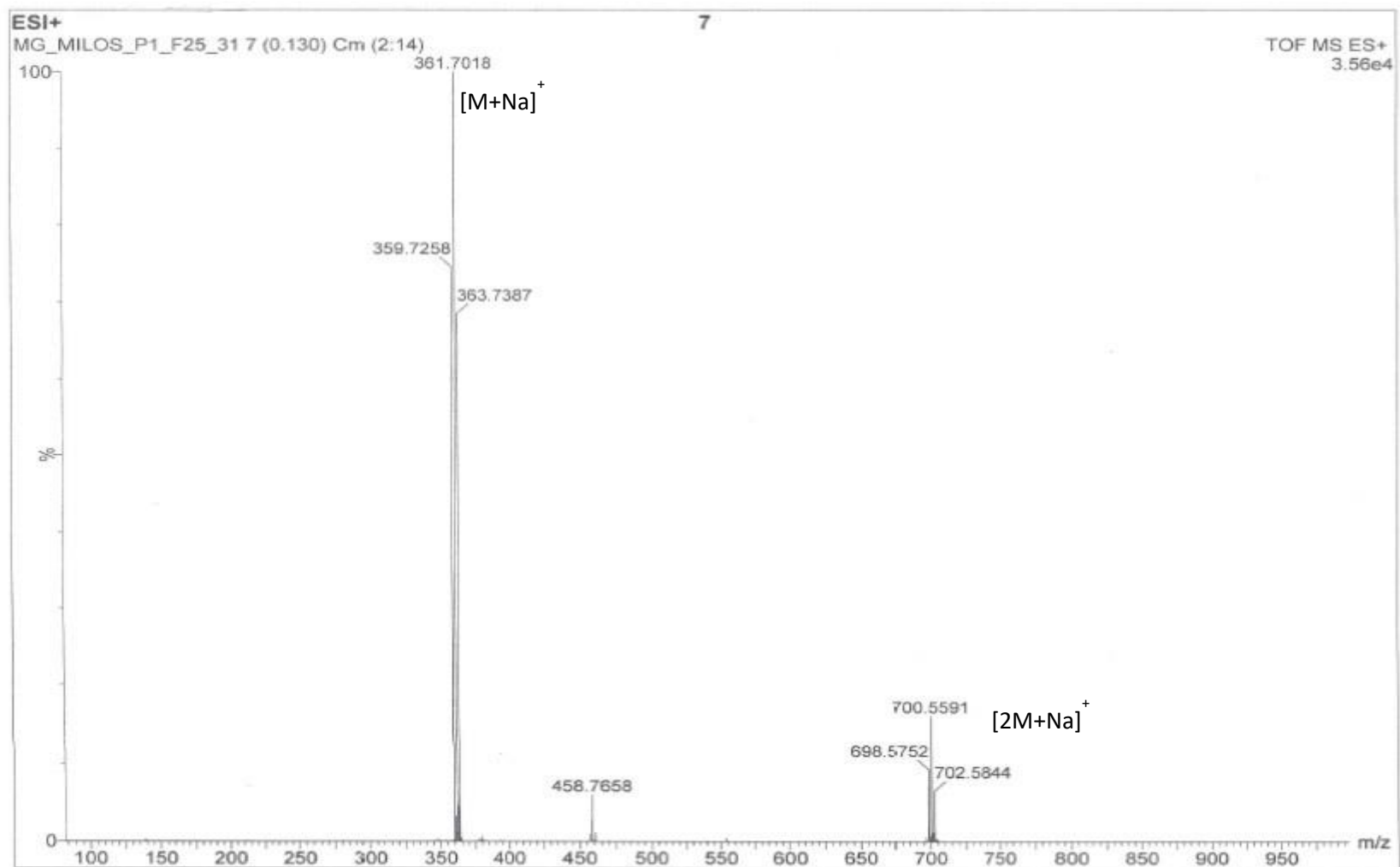
S4



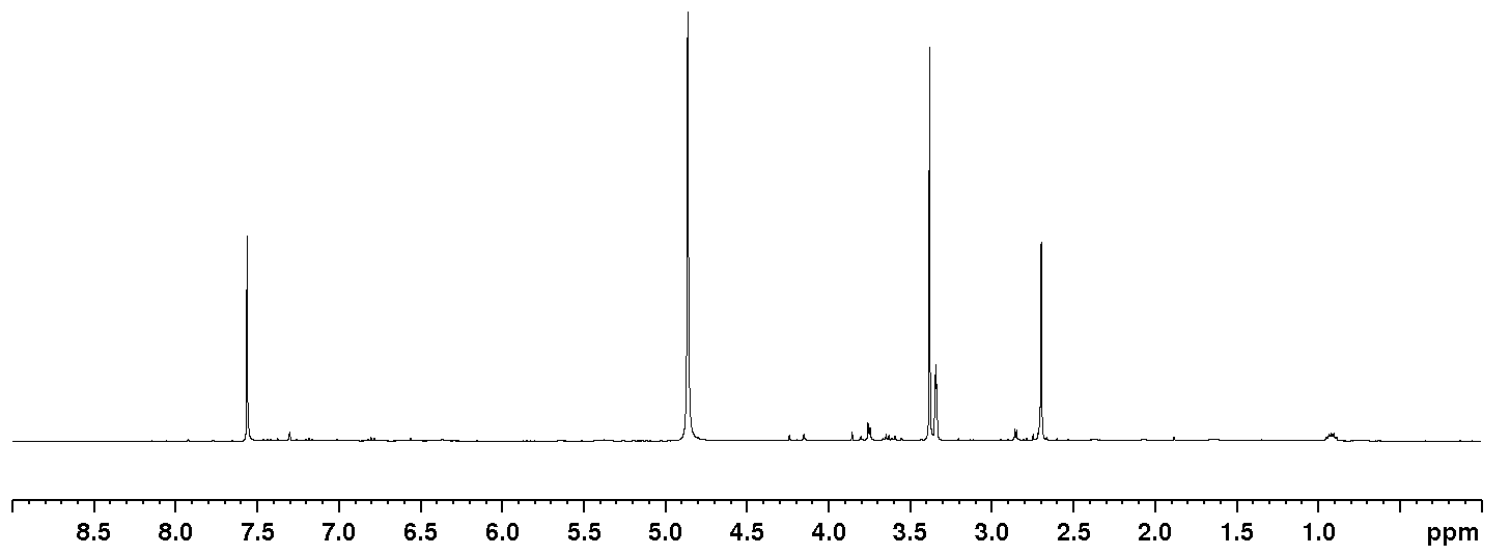
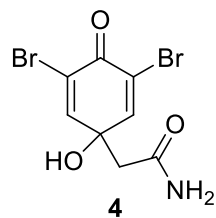
ESI-MS spectrum of aerophobin- 2 (2)



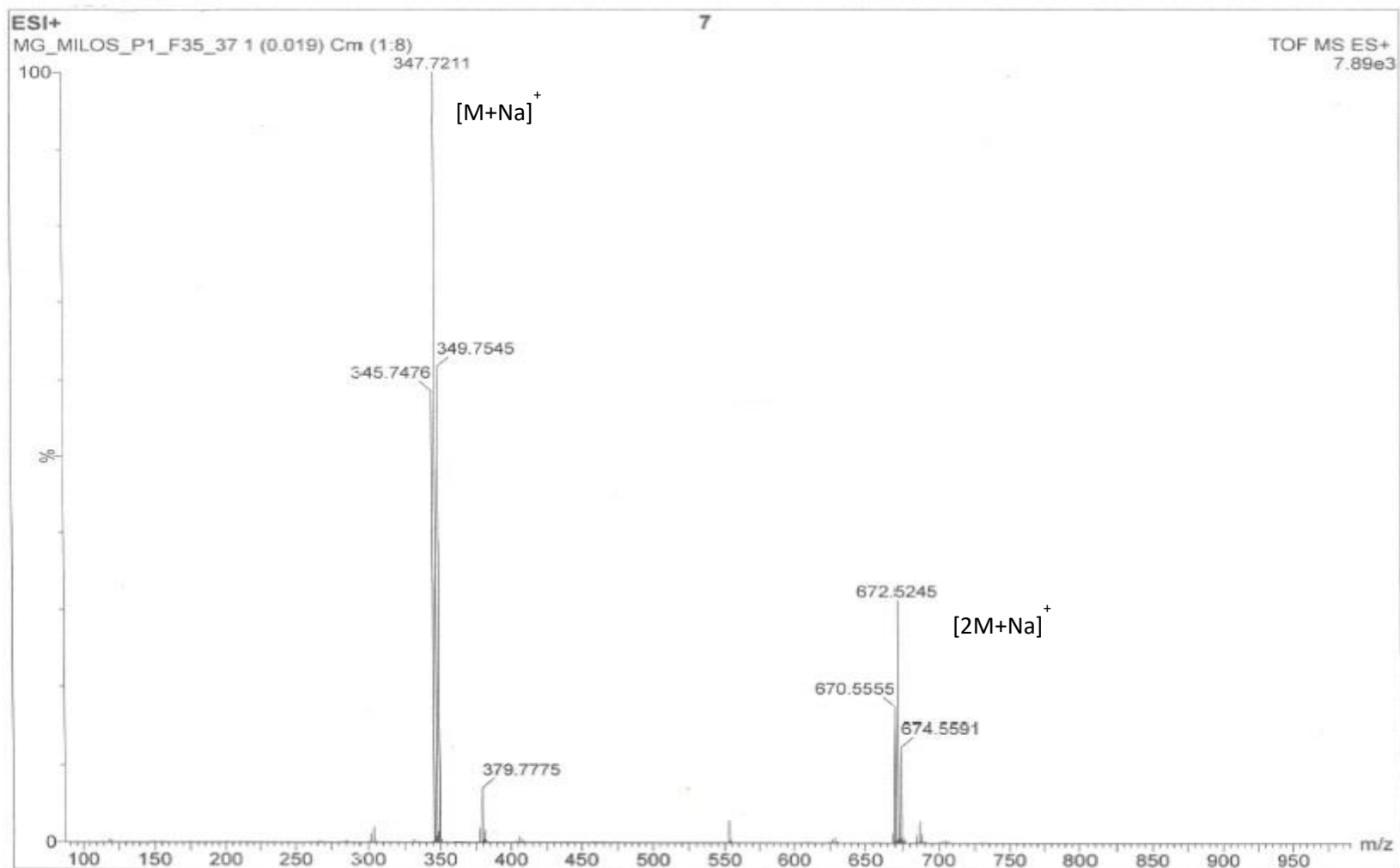
^1H NMR spectrum of (+)-aeroplysinin-1 (**3**) (400 MHz, CDCl_3)



ESI-MS spectrum of (+)-aeroplysinin-1 (3)

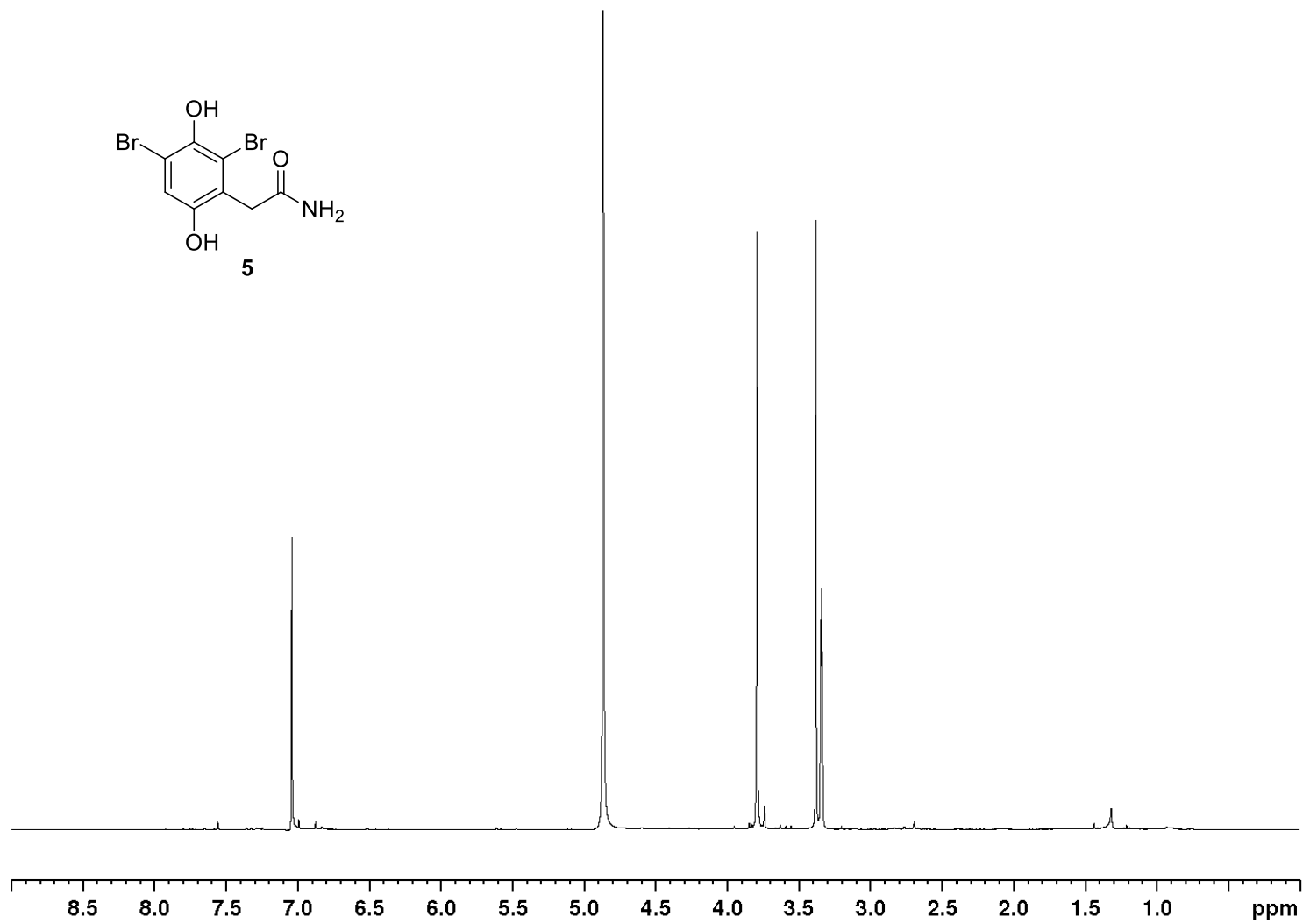
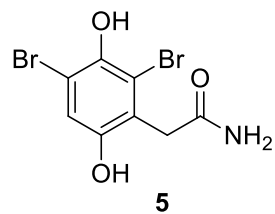


^1H NMR spectrum of compound **4** (400 MHz, MeOD)

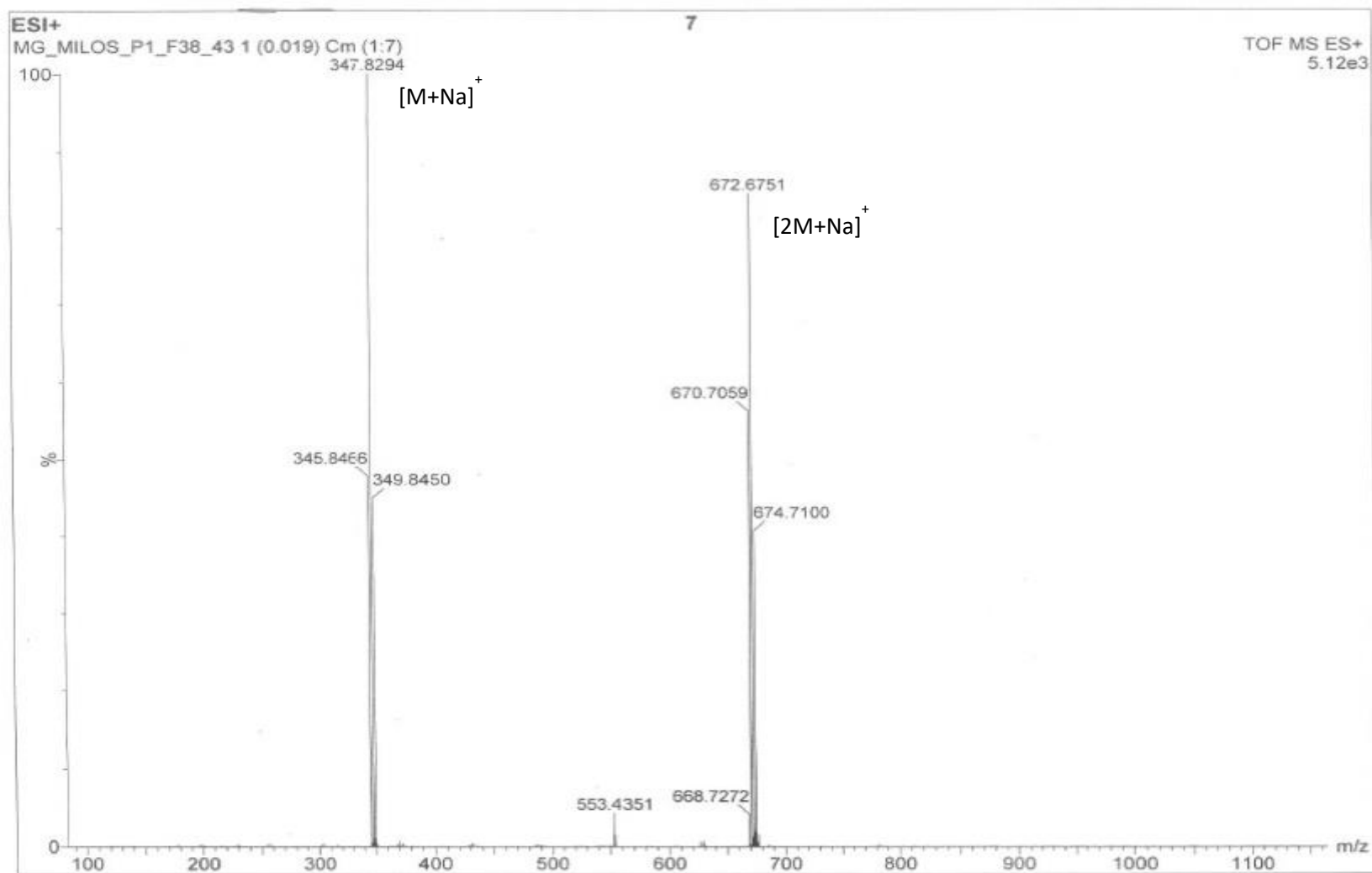


ESI-MS spectrum of compound 4

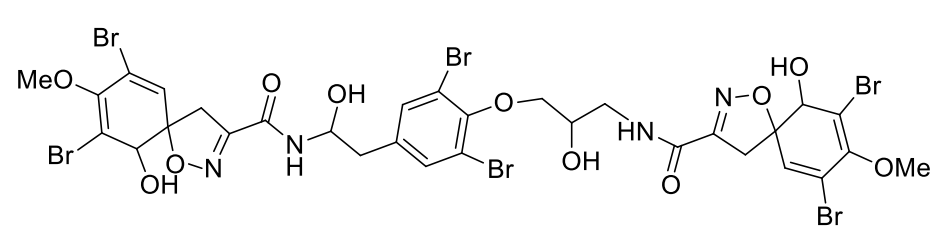
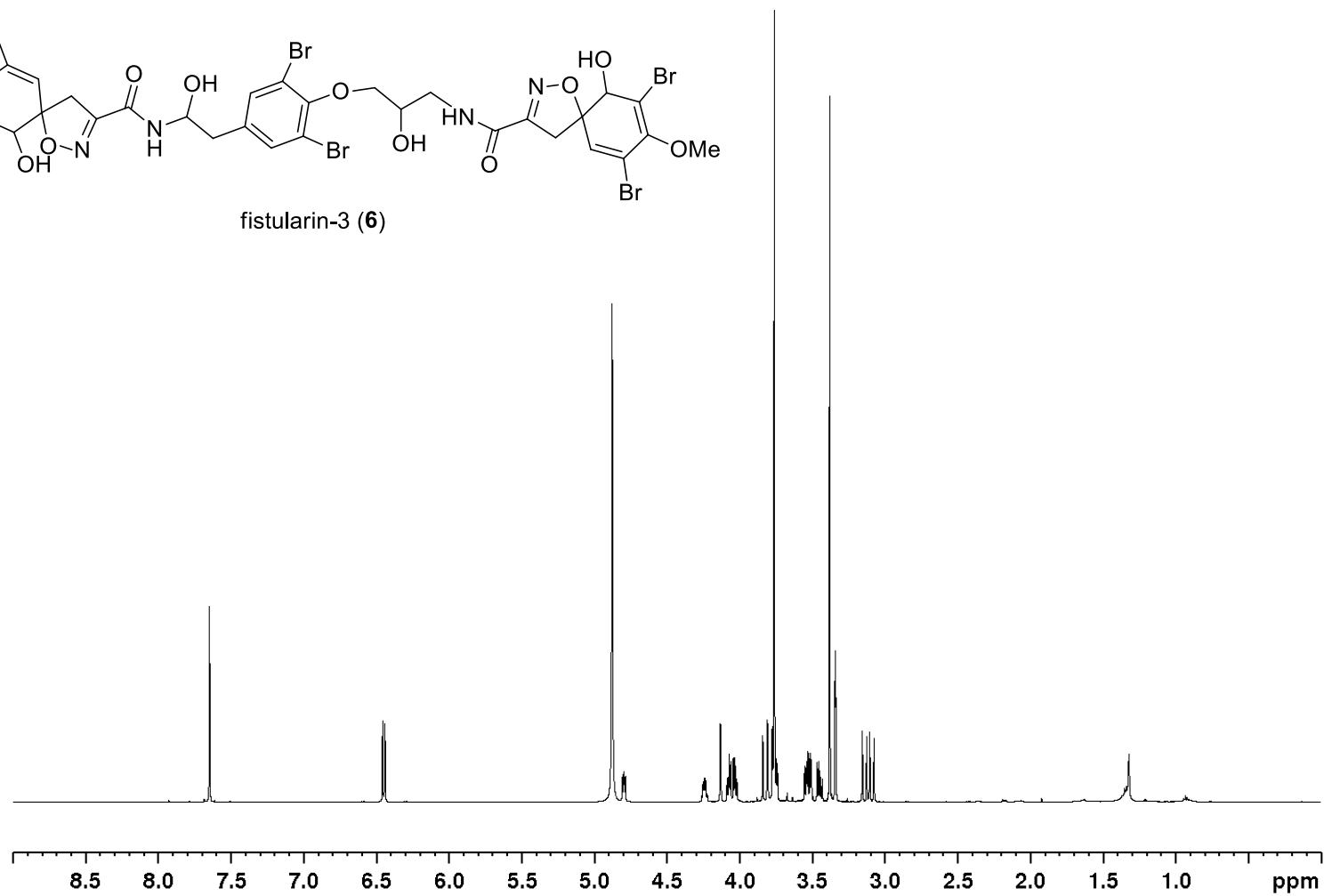
S9

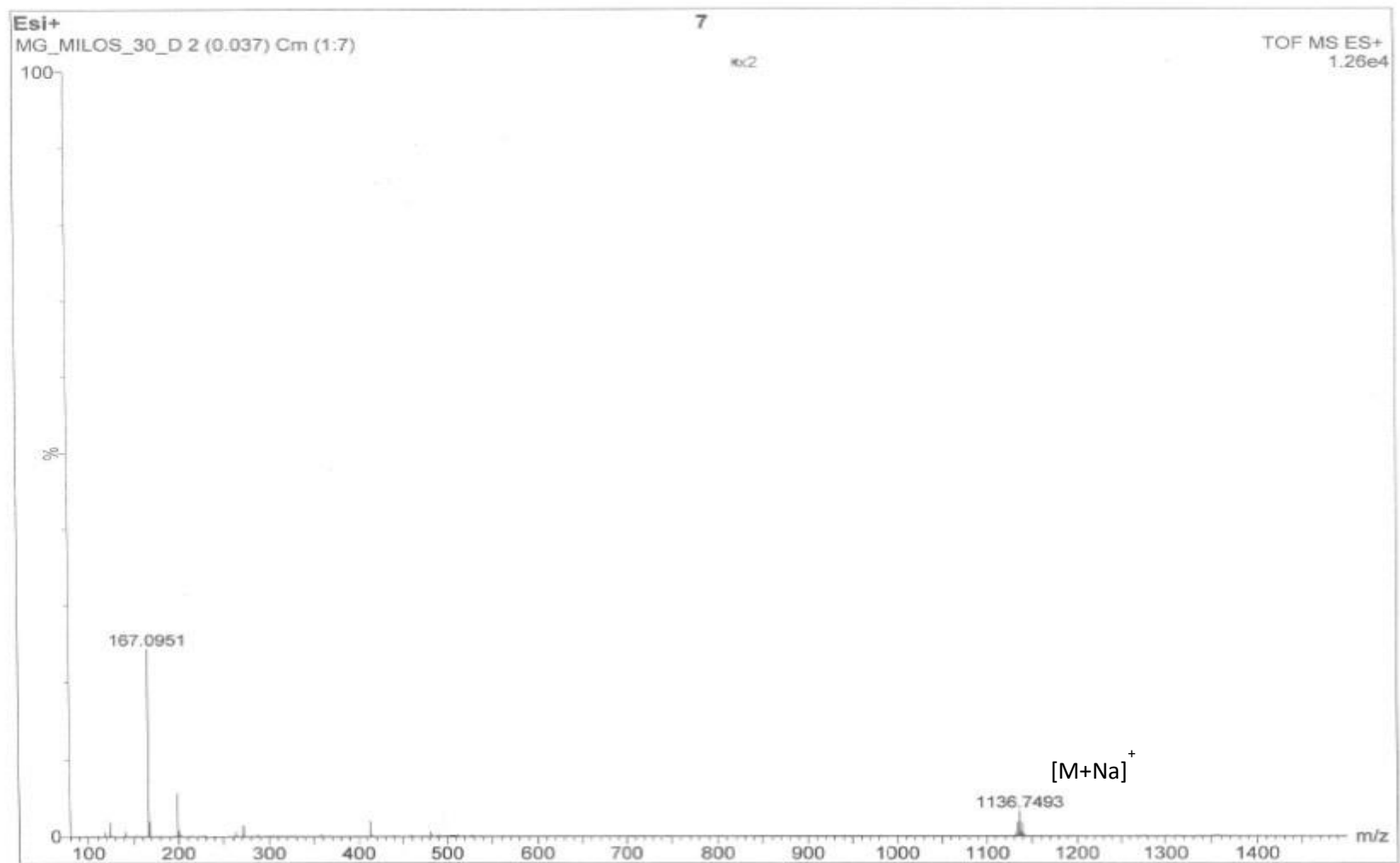


¹H NMR spectrum of compound 5 (400 MHz, MeOD)

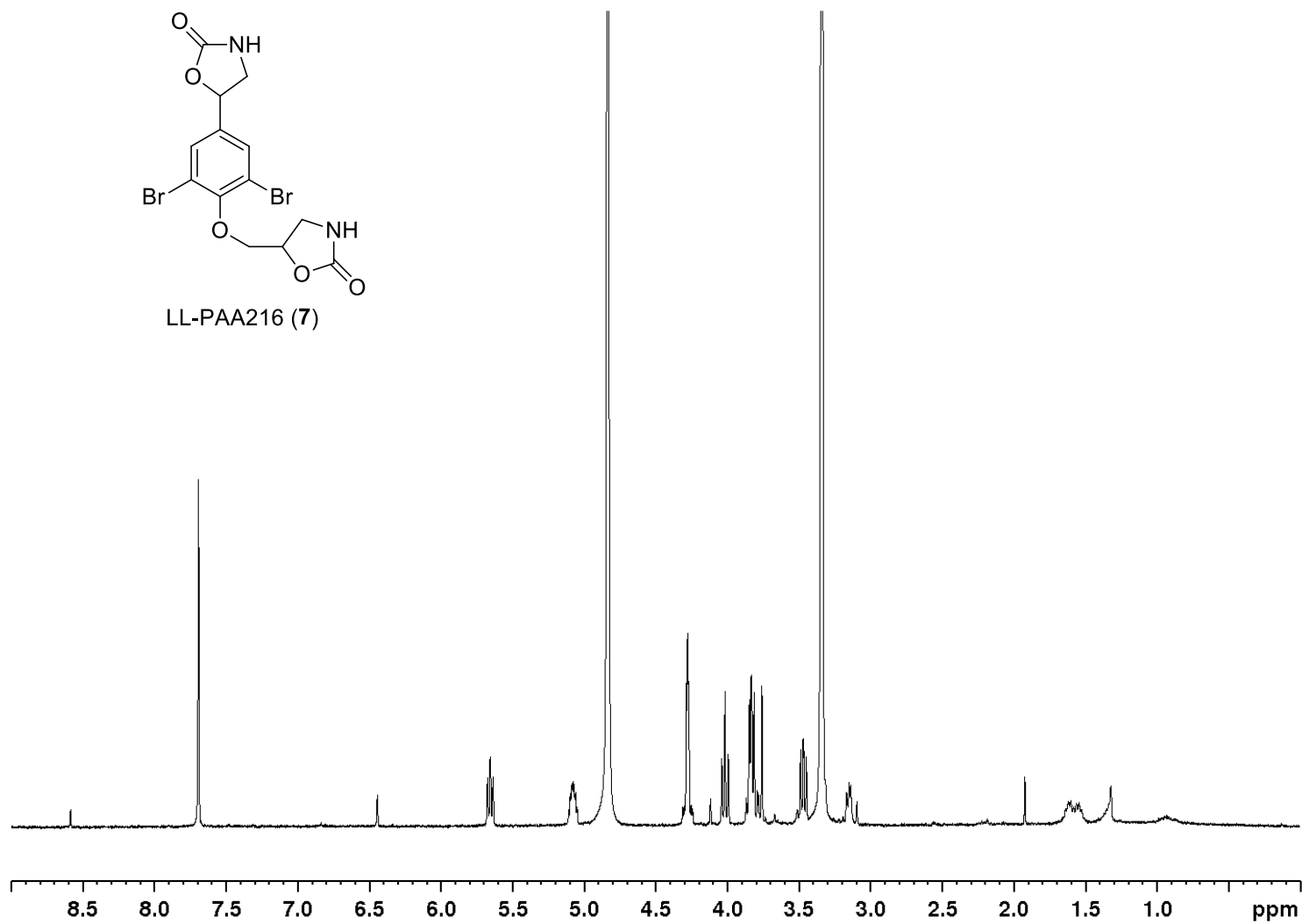
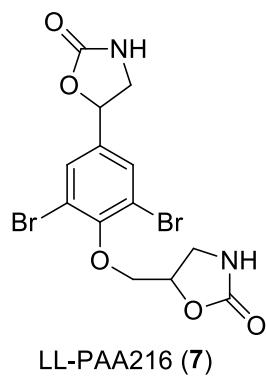


ESI-MS spectrum of compound 5

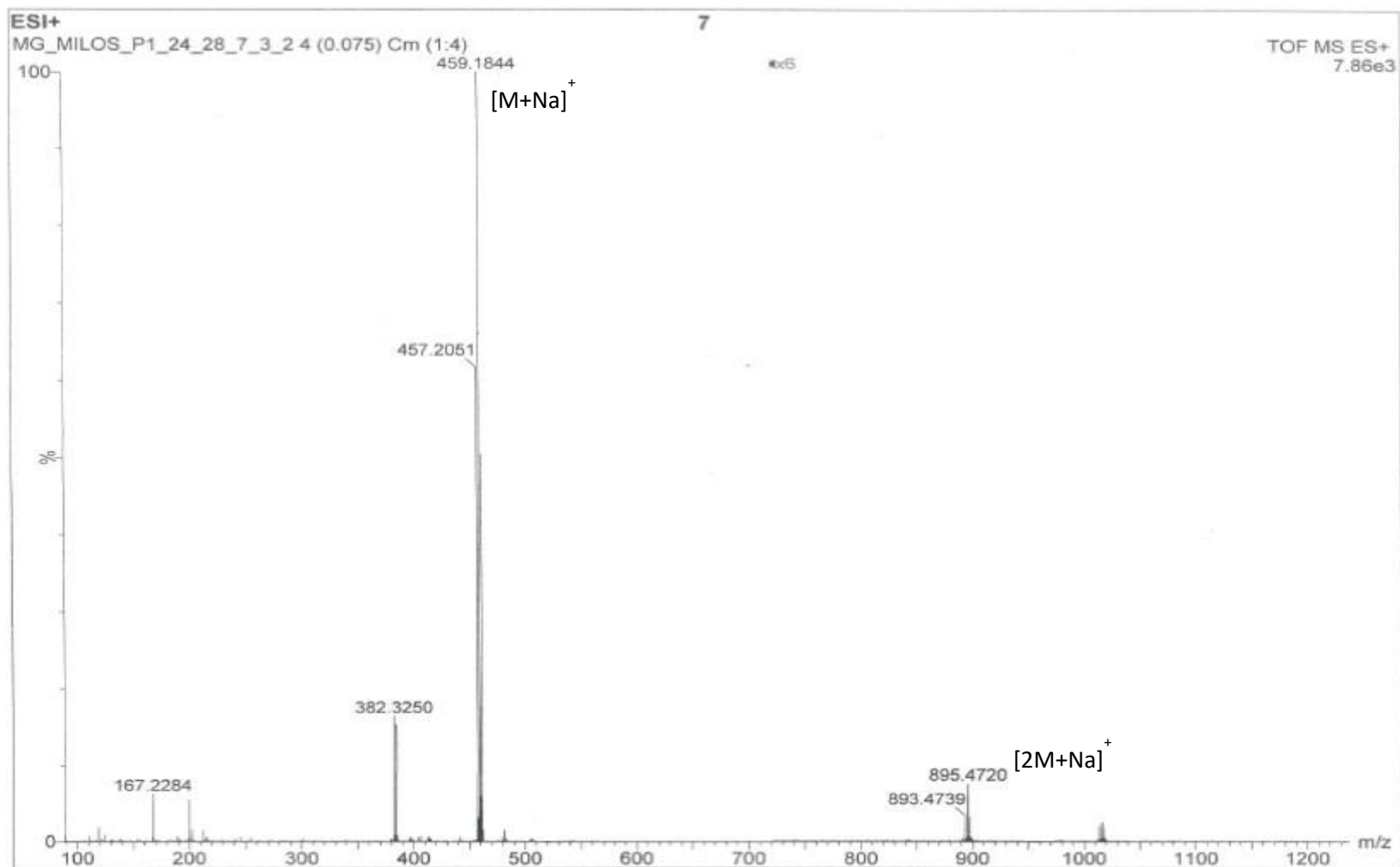
fistularin-3 (**6**)¹H NMR spectrum of fistularin- 3 (**6**) (600 MHz, MeOD)



ESI-MS spectrum of fistularin- 3 (6)

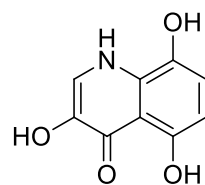


¹H NMR spectrum of LL-PAA216 (7) (400 MHz, MeOD)

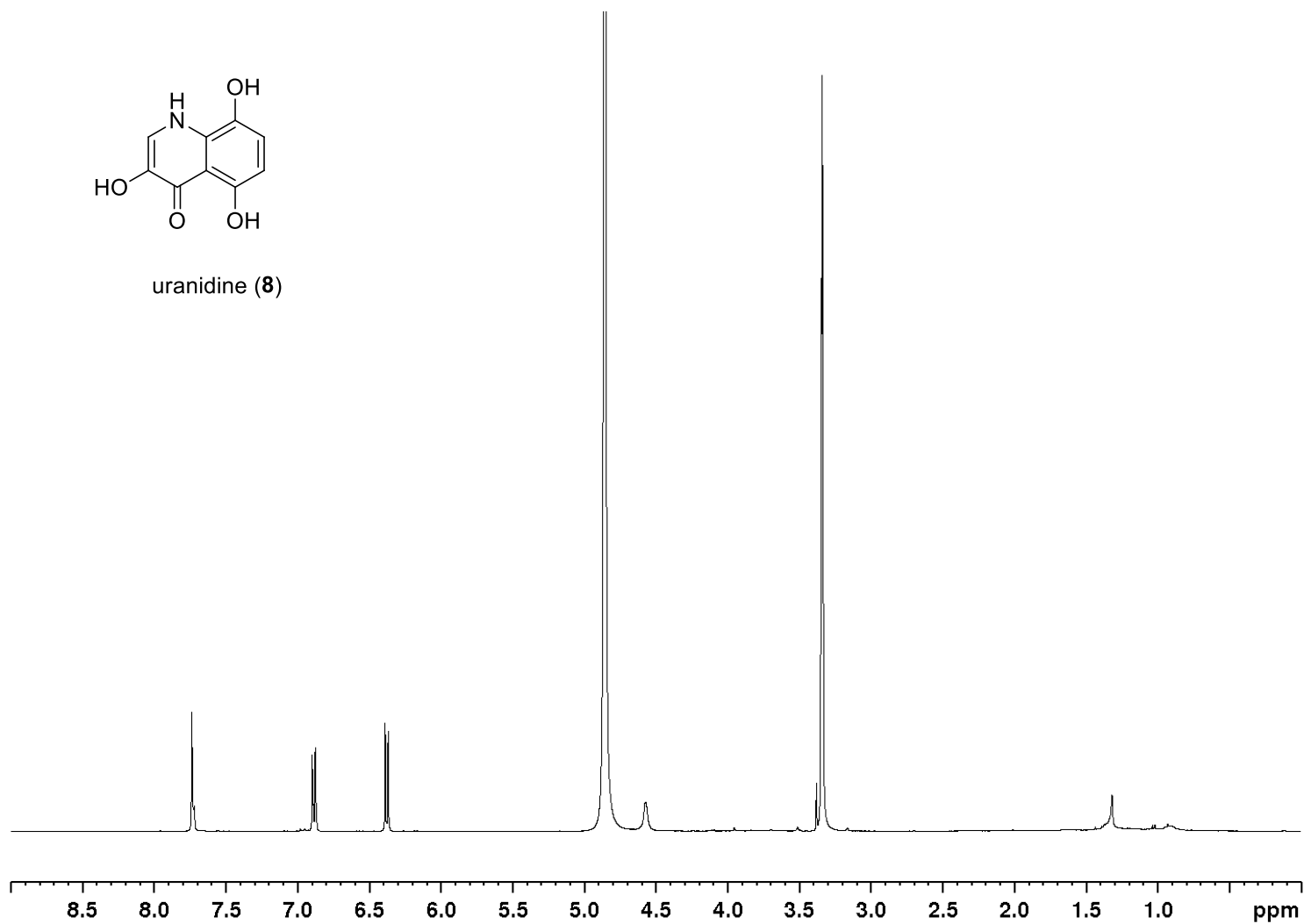


ESI-MS spectrum of LL-PAA216 (7)

S15



uranidine (8)



¹H NMR spectrum of uranidine (8) (400 MHz, MeOD)



ESI-MS spectrum of uranidine (8)