Clicked tacrine conjugates as acetylcholinesterase and β-amyloid directed compounds

Myriam Ouberai,[a] Kristoffer Brannstrom,[b] Monika Vestling,[b] Anders Olofsson,[b] Pascal Dumy,[a] Sabine Chierici,*[a] and Julian Garcia*[a]

[a] Département de Chimie Moléculaire (DCM), UMR 5250, ICMG-FR, Université Joseph Fourier, BP 53, 38041 Grenoble Cedex 9, France.

[b] Department of Medical, Biochemistry and Biophysics, Umeå University, SE-901 87 Umeå , Sweden.

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Table 1. RP-HPLC and ESI-MS analysis of synthesized compounds.

Product	HPLC t_R (min)	ESI-MS
1	9.8	calc for $C_{78}H_{128}N_{20}O_{16}S_2$: 1664.9 found: 1665.6
2	7.4	calc for $C_{66}H_{100}N_{20}O_{18}$: 1460.7 found: 1460.7
3	10.1	calc for $C_{106}H_{164}N_{24}O_{22}S_4$: 2253.1 found: 2253.6
4	6.5	calc for $C_{60}H_{100}N_{24}O_{12}$: 1348.8 found: 1348.6
5	7.9	calc for $C_{15}H_{17}N_5$: 267.1 found: 266.9
6	7.8	calc for $C_{126}H_{168}N_{40}O_{18}$: 2529.3 found: 2529.8
7	6.5	calc for $C_{90}H_{134}N_{34}O_{12}$: 1883.1 found: 1883.7
8	6.5	calc for $C_{19}H_{23}N_5O$: 337.2 found: 336.6

Figure 1. RP-HPLC profile of **2.**

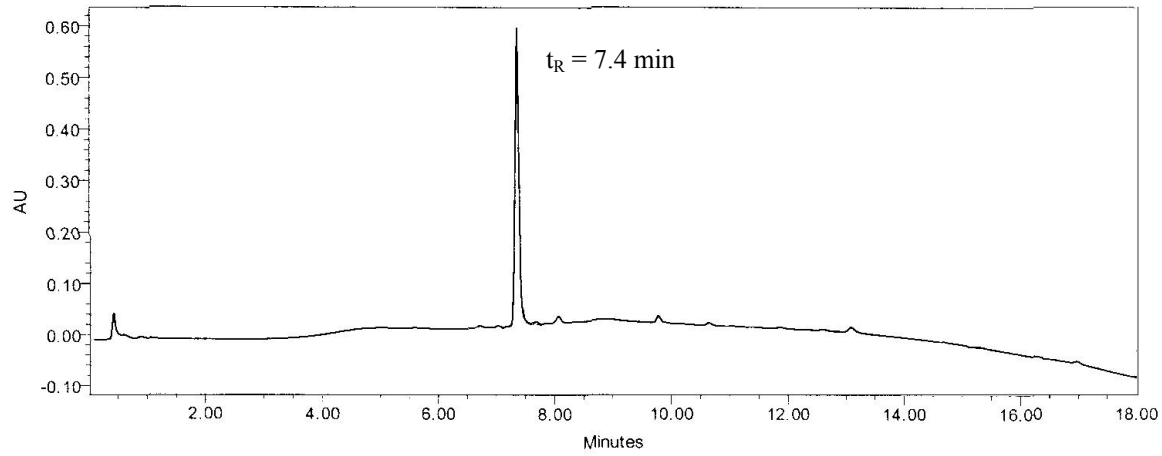

Figure 2. ESI-MS analysis of **2**.

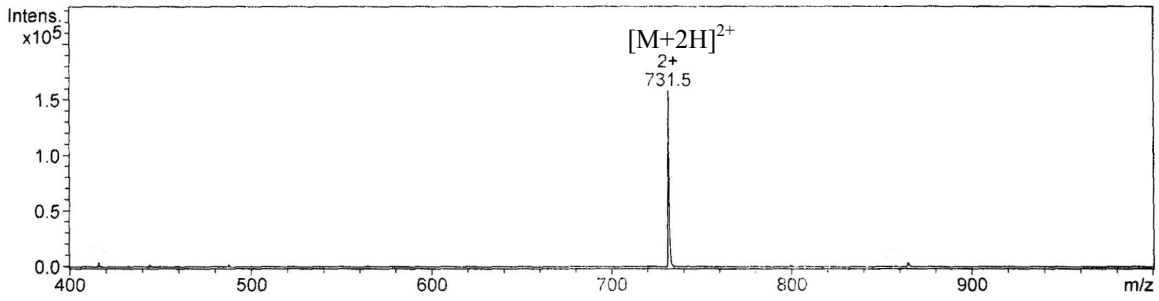

Figure 3. RP-HPLC profile of **4**.

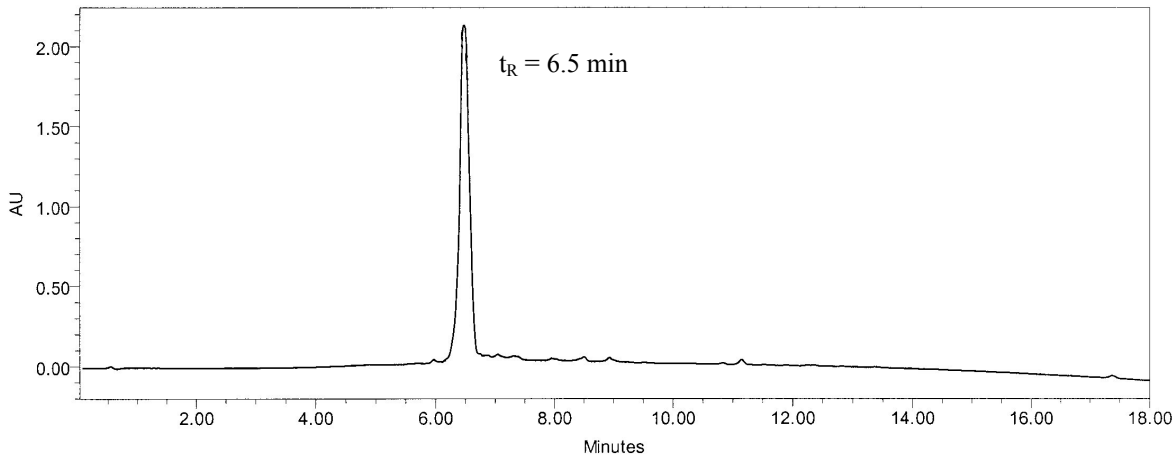

Figure 4. ESI-MS analysis of **4**.

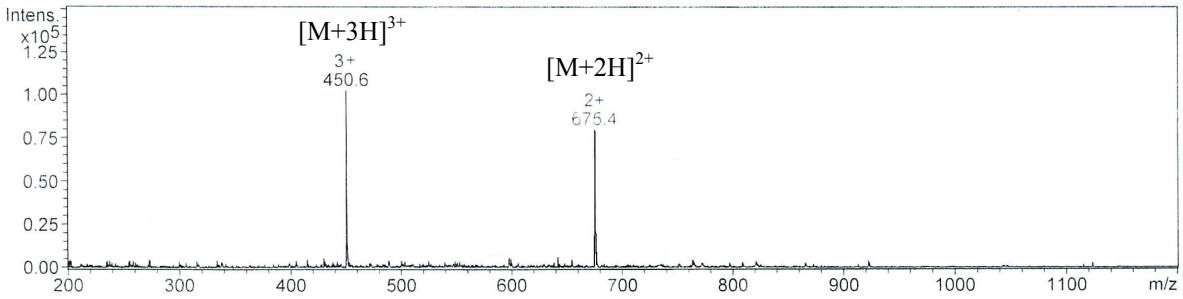

Figure 5. RP-HPLC profile of **5**.

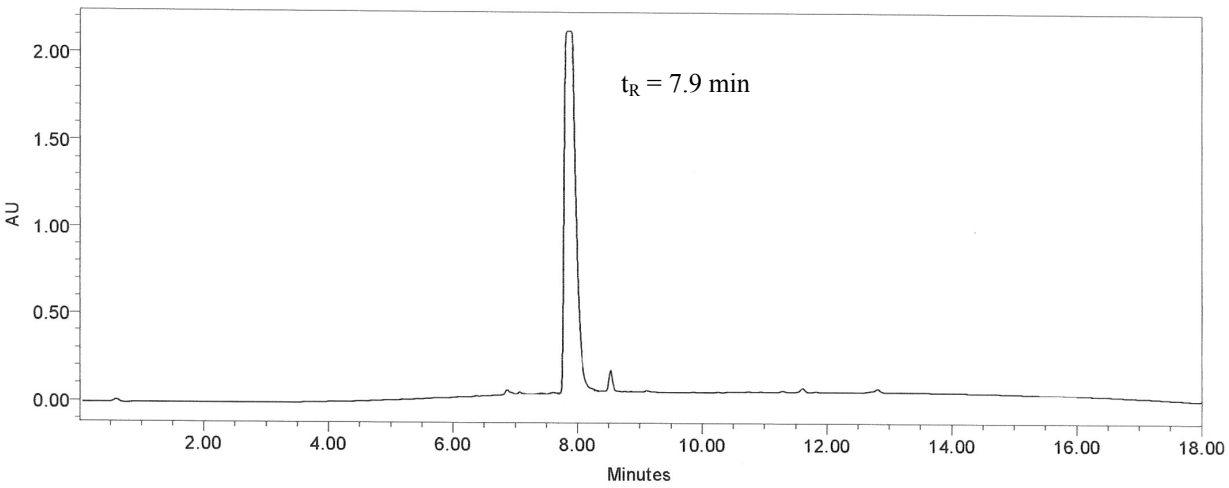

Figure 6. ESI-MS analysis of **5**.

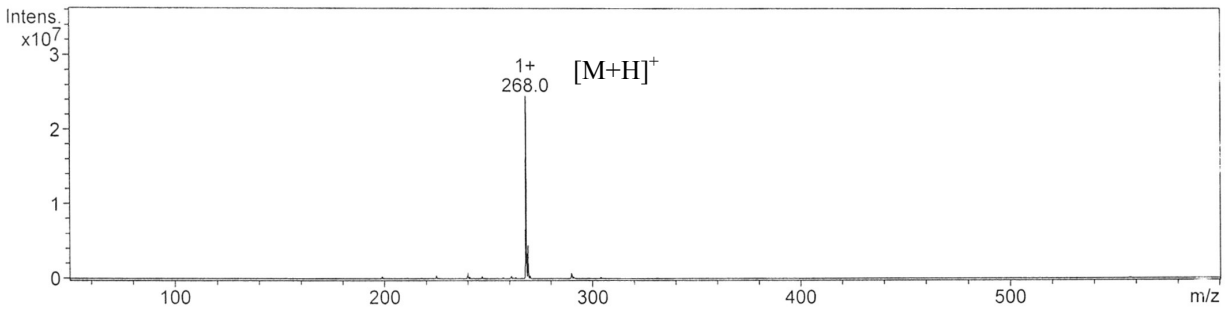

Figure 7. RP-HPLC profile of **6**.

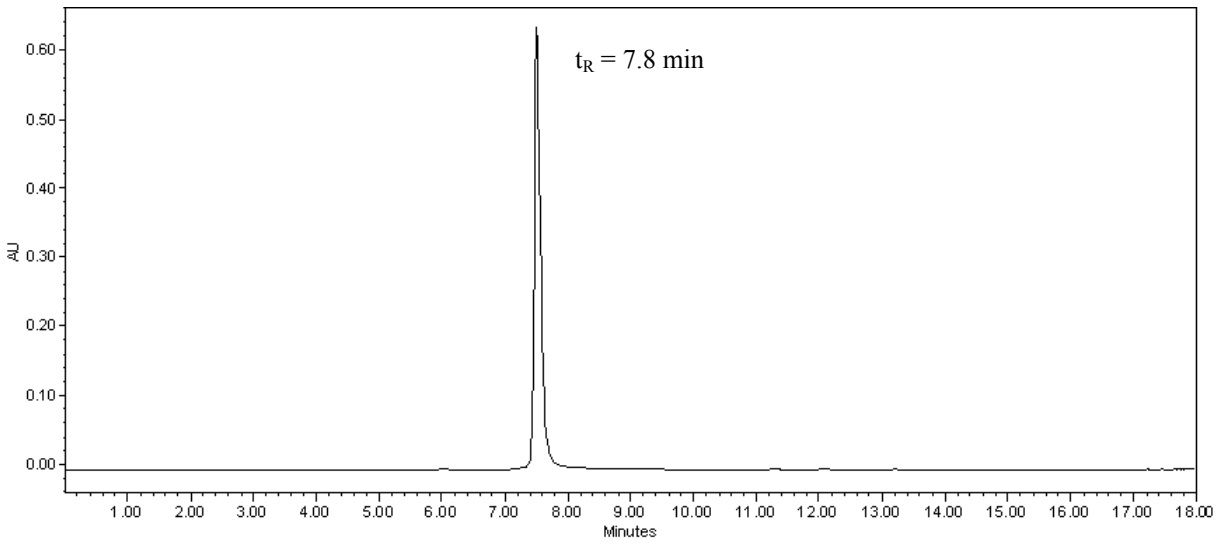

Figure 8. ESI-MS analysis of **6**.

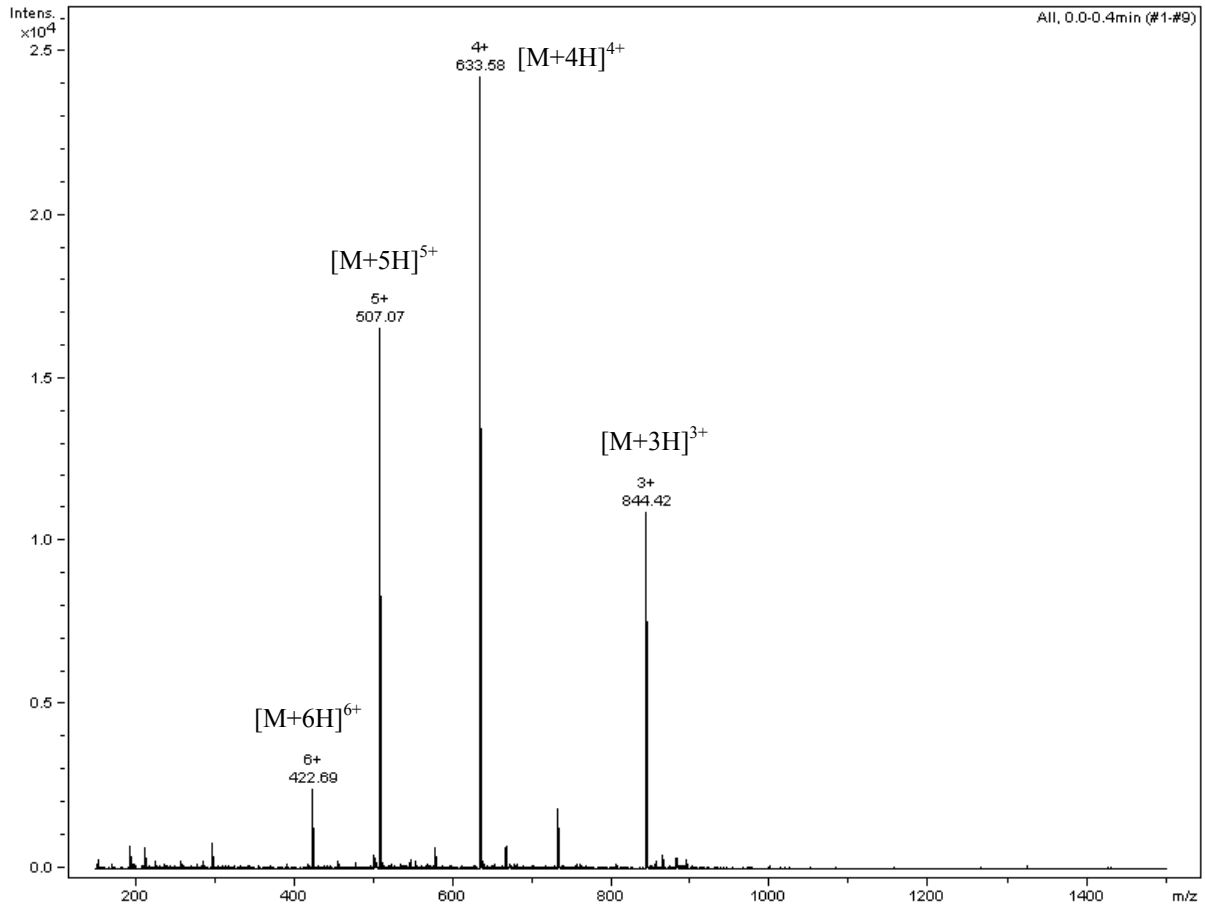

Figure 9. RP-HPLC profile of **7**.

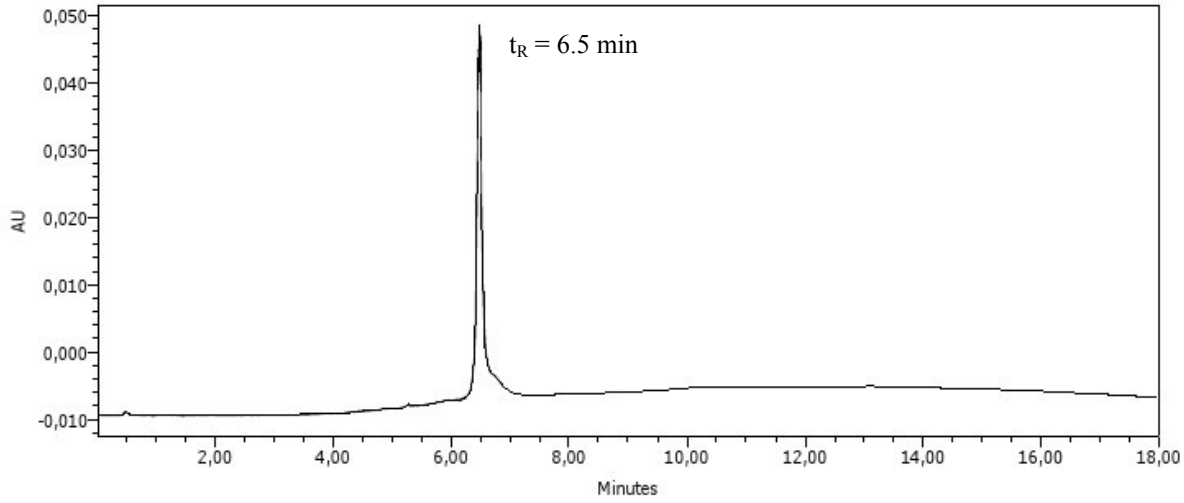

Figure 10. ESI-MS analysis of **7**.

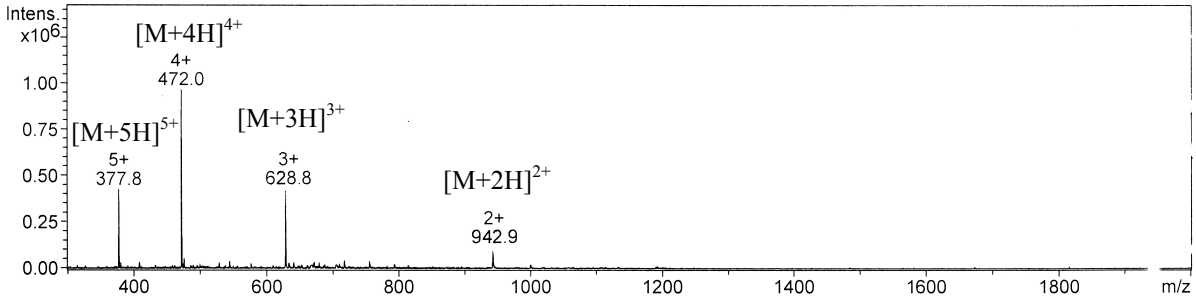

Figure 11. RP-HPLC profile of **8**.

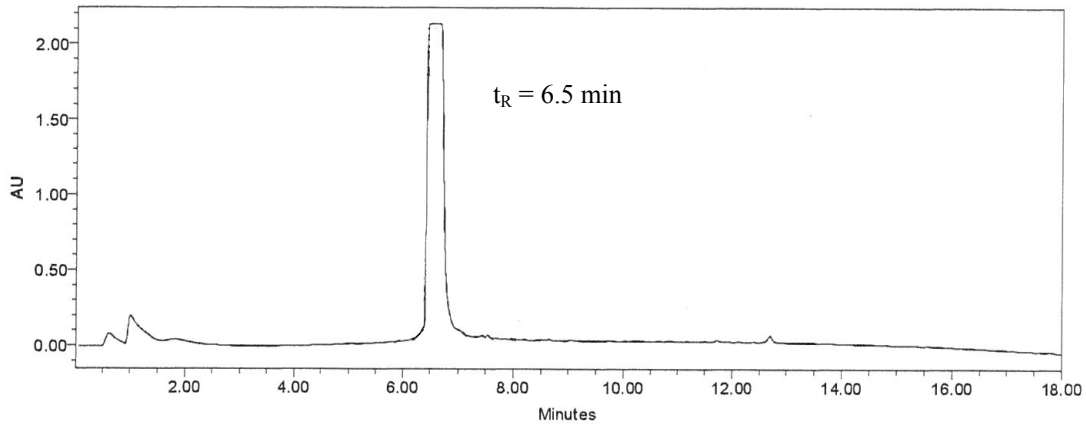

Figure 12. ESI-MS analysis of **8**.

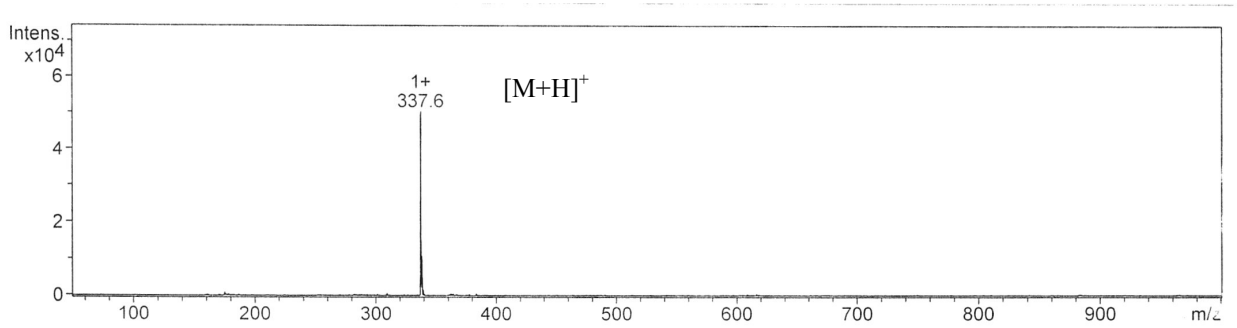

Figure 13. ^{1}H NMR (500 MHz, D_2O) of **8**.