Supporting information

The $A\beta_{8-20}$ fragment as anti-fibrillogenic and neuroprotective agent: advancing towards efficient Alzheimer's disease treatment

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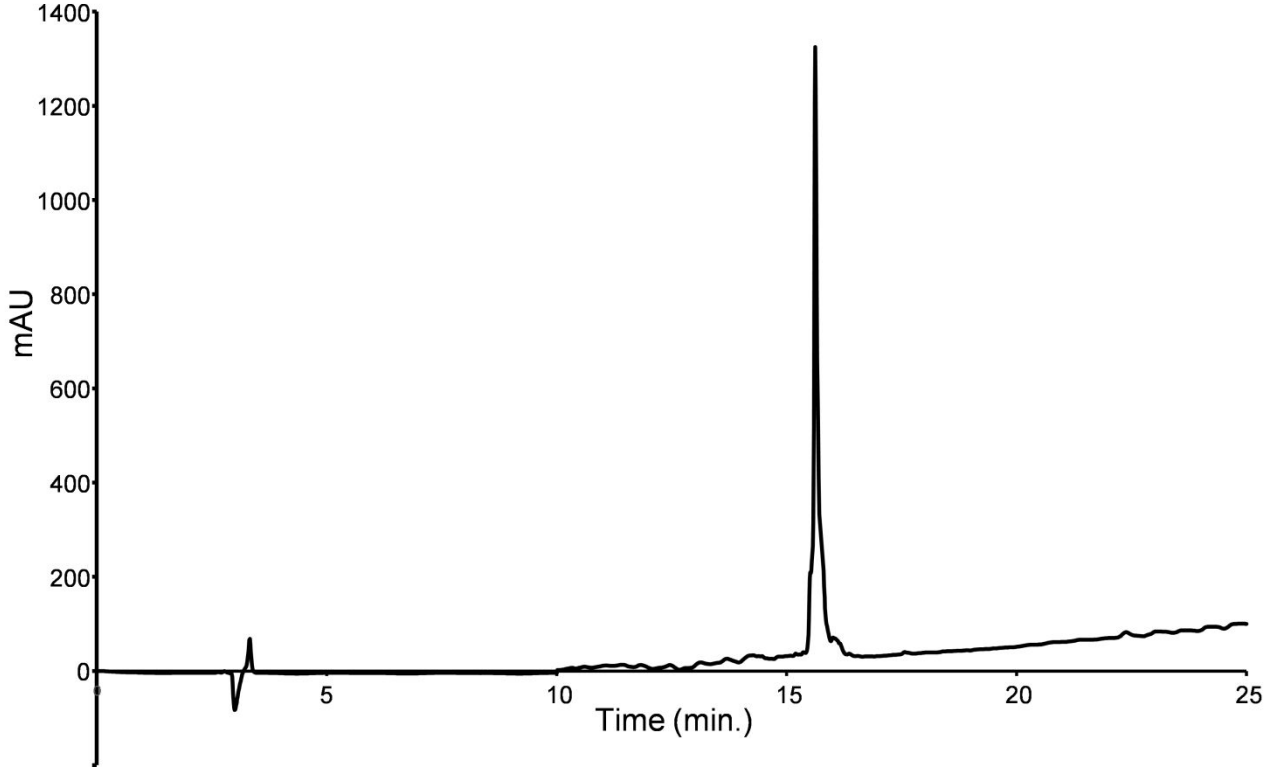

Figure S1. Chromatographic profile of $A\beta_{8-20}$ recorded at λmax=220 nm using a Phenomenex Kinetex XB- C18 analytical column (pore size: 100 Å, particle size: 5 μm, column length: 250 mm, internal diameter: 4,60 mm).

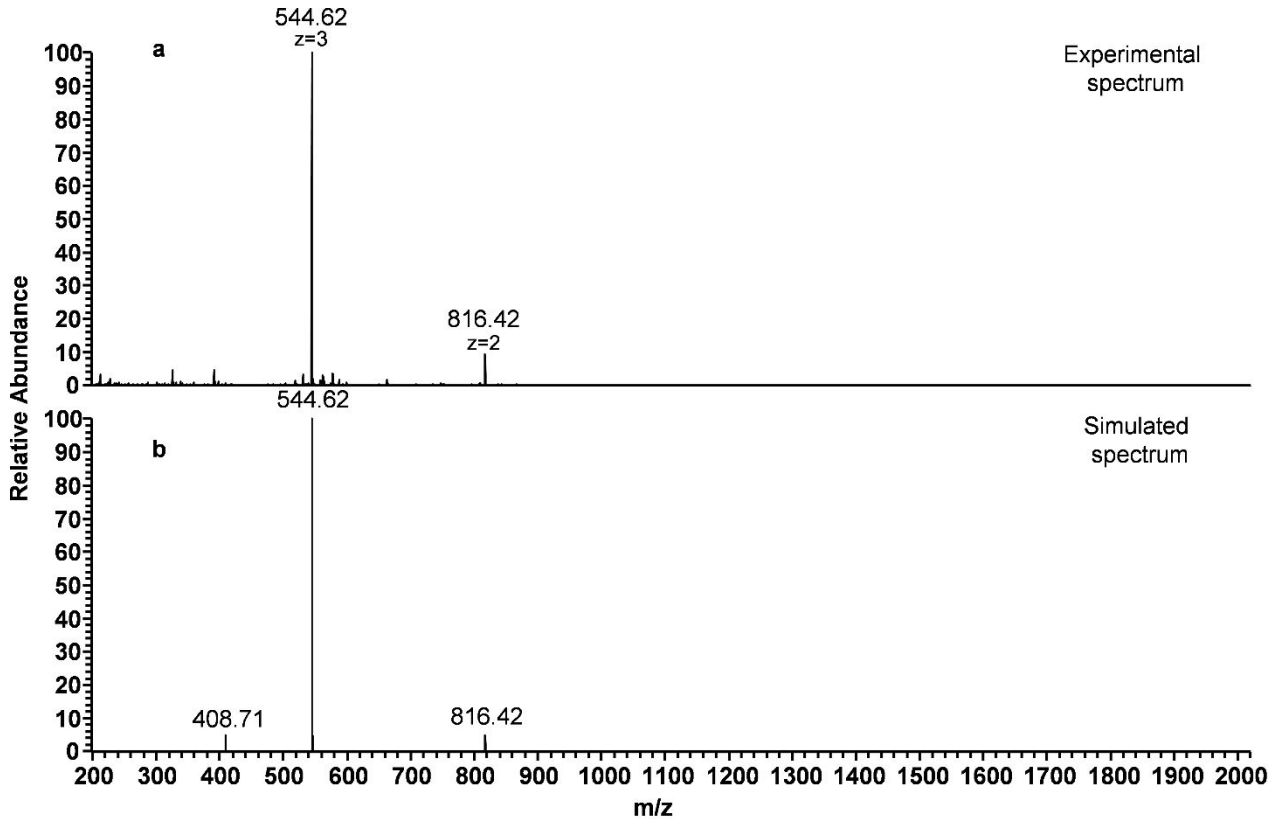

Figure S2. Panel a) FT-MS spectra (m/z range: 200–2000) of the $A\beta_{8\text{-}20}$ ($C_{peptide}=5\cdot10^{-6}$M) at pH 7.0. Panel b) simulated m/z signals calculated by the molecular formula $C_{78}H_{110}N_{20}O_{19}$ corresponding to the $A\beta_{8\text{-}20}$ peptide.

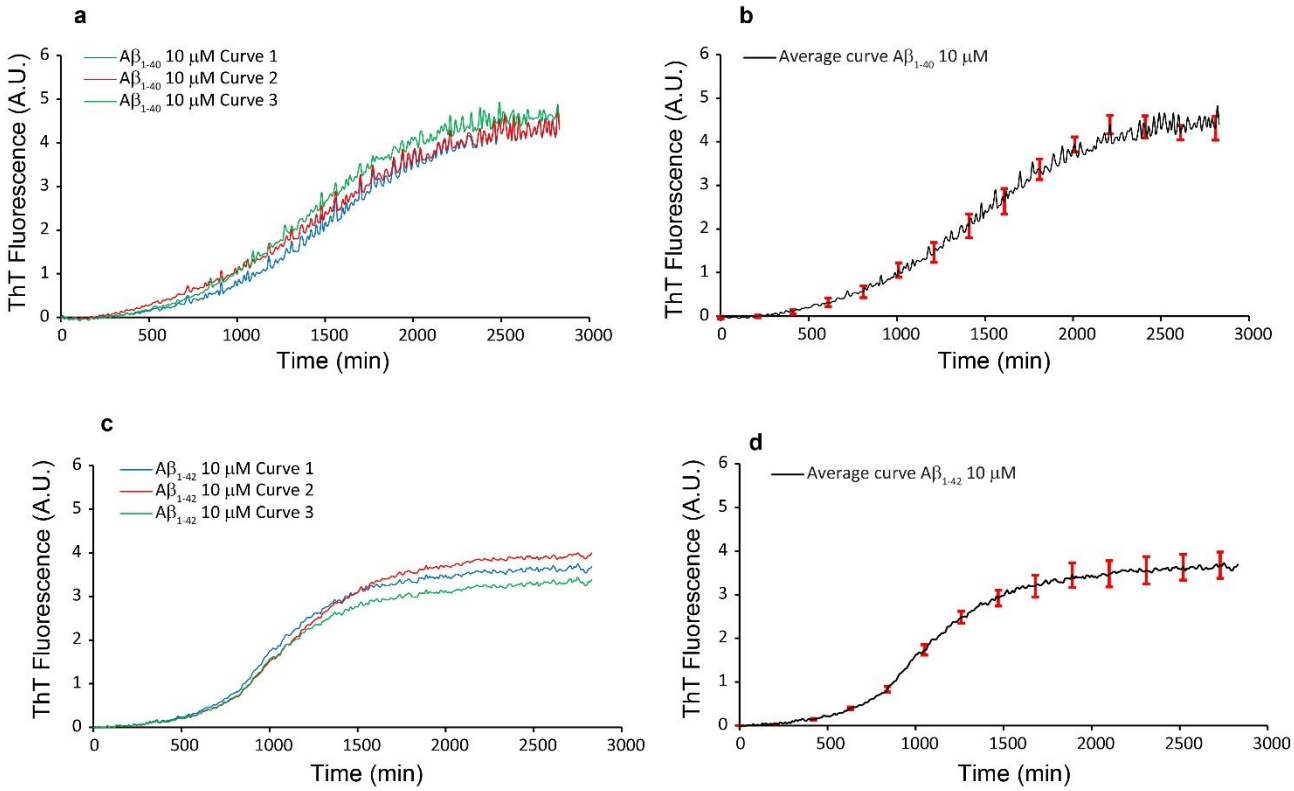

Figure S3. Panel a) three replicas of ThT measurement of $A\beta_{1\text{-}40}$ 10 μM. Panel b) average curve of $A\beta_{1\text{-}40}$ 10 μM with standard deviation. Panel c) three replicas of ThT measurement of $A\beta_{1\text{-}42}$ 10 μM. Panel d) average curve of $A\beta_{1\text{-}42}$ 10 μM with standard deviation.