

Supporting information

Ring size in cyclic endomorphin-2 analogs modulates receptor binding affinity and selectivity

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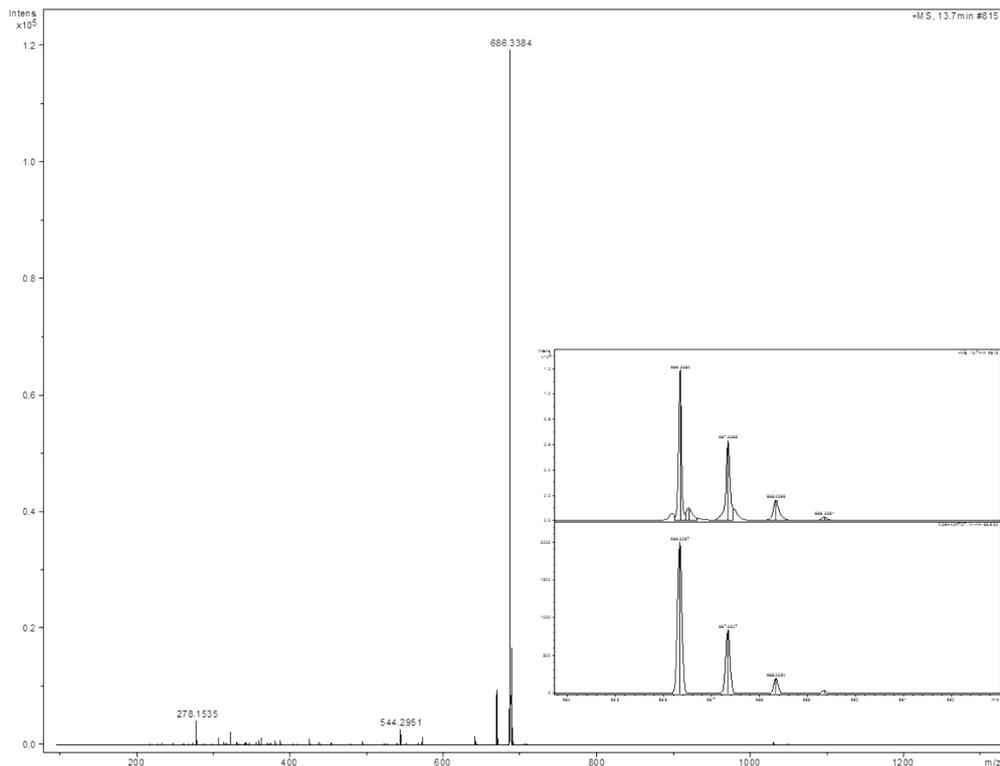


Fig. 1. High resolution MS spectrum of peptide Tyr-c[D-Orn-Phe-Phe-Asp]NH₂. In inset, fragment of the experimental spectrum is compared with the simulated isotopic profile calculated for the expected molecular formula of protonated species (bottom panel).

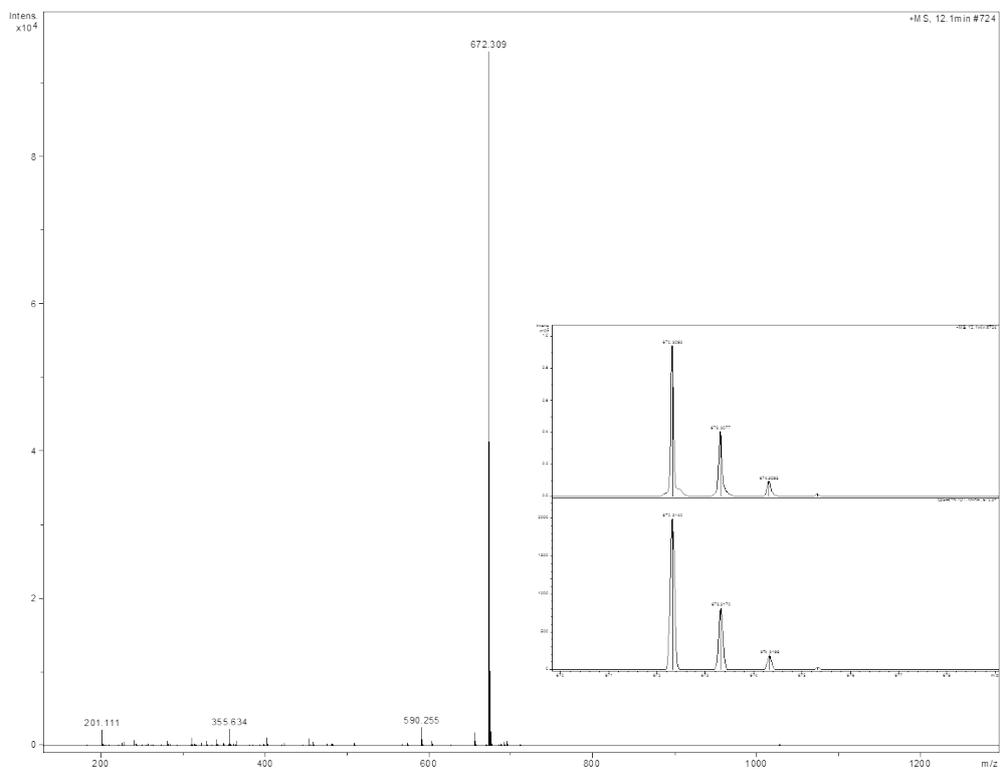


Fig. 2. High resolution MS spectrum of peptide Tyr-c[D-Dab-Phe-Phe-Asp]NH₂. In inset, fragment of the experimental spectrum is compared with the simulated isotopic profile calculated for the expected molecular formula of protonated species (bottom panel)

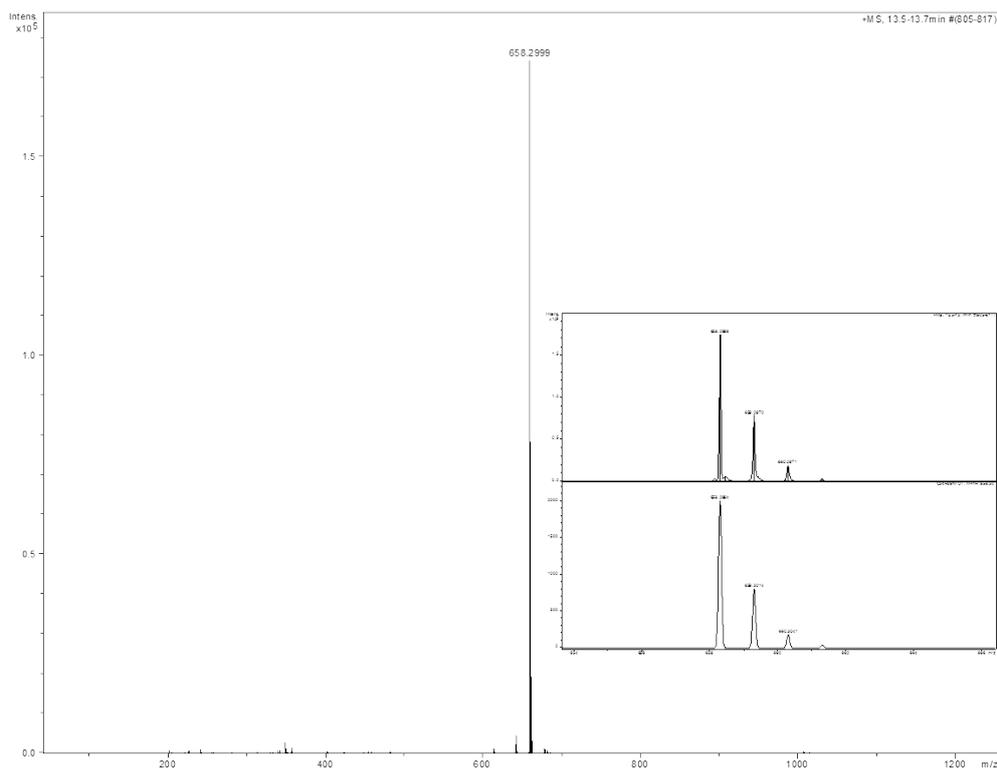


Fig. 3. High resolution MS spectrum of peptide 4 Tyr-c[D-Dap-Phe-Phe-Asp]NH₂. In inset, fragment of the experimental spectrum is compared with the simulated isotopic profile calculated for the expected molecular formula of protonated species (bottom panel)

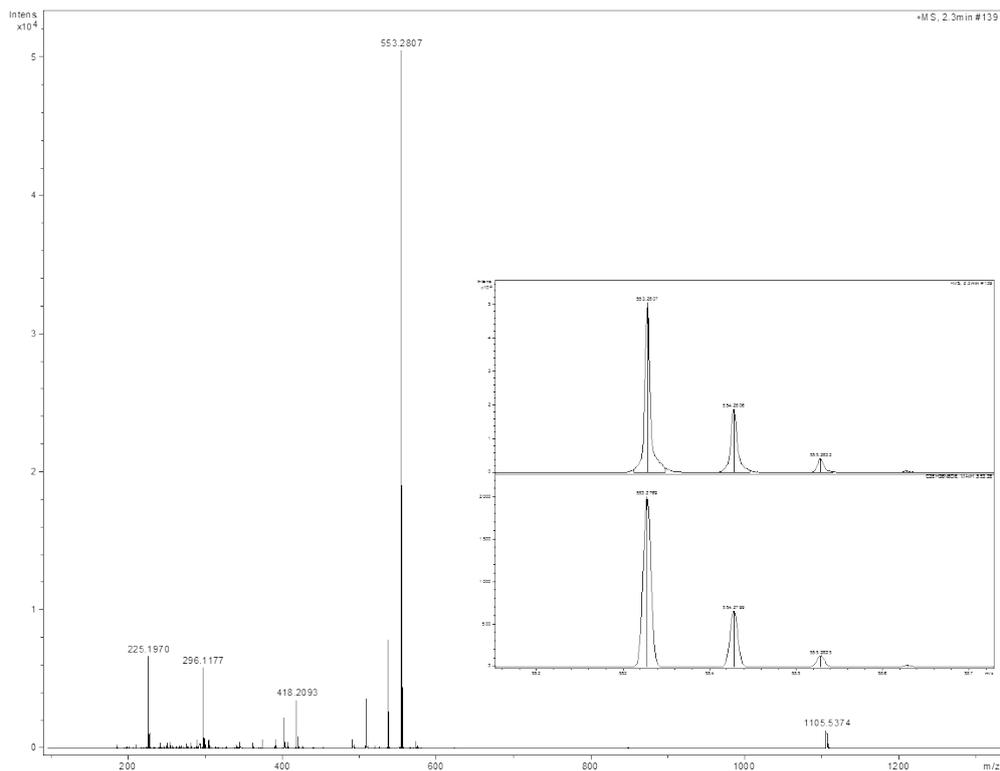
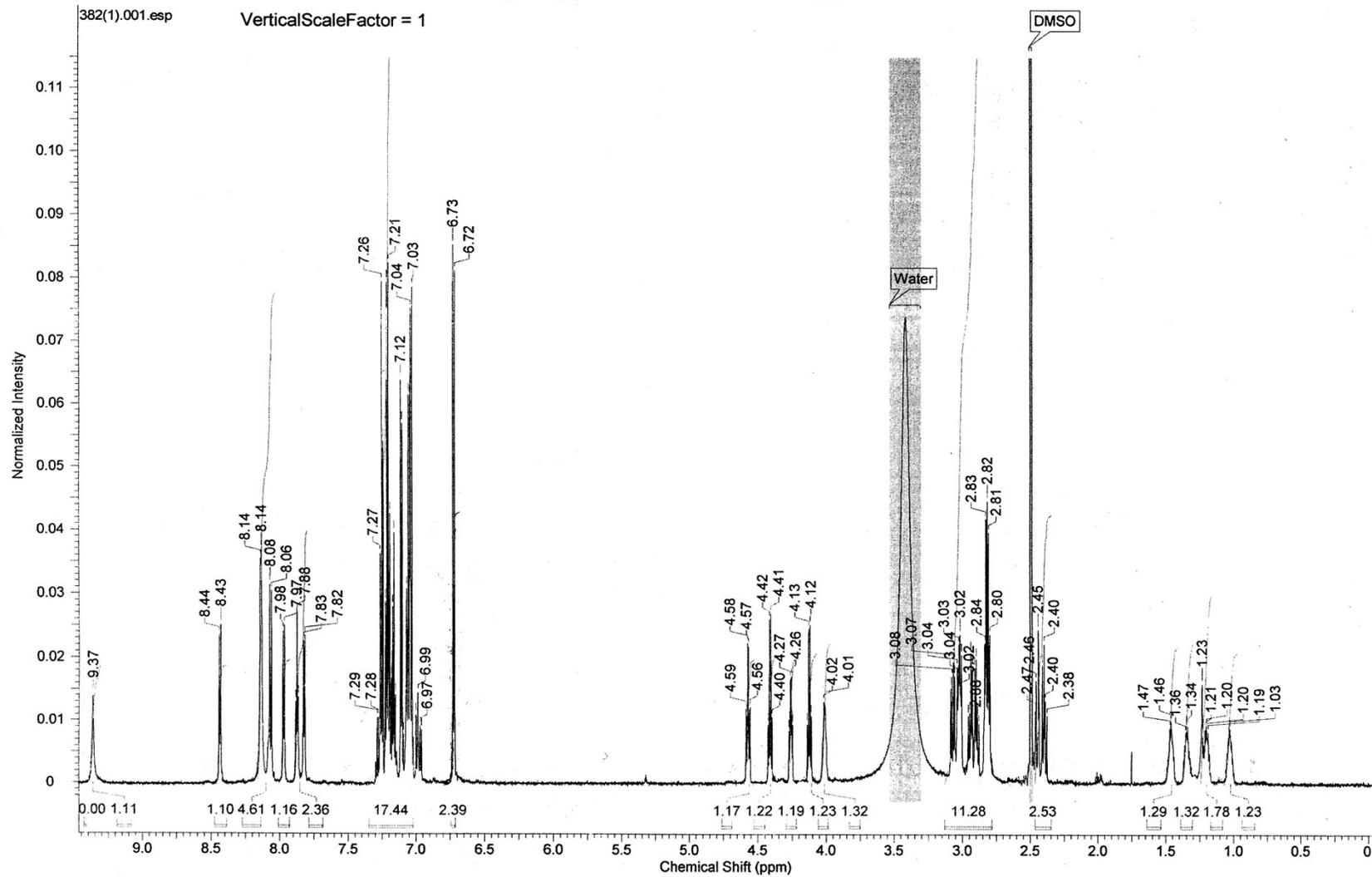


Fig. 4. High resolution MS spectrum of peptide 5 Tyr-c[D-Lys-Phe-Asp]NH₂. In inset, fragment of the experimental spectrum is compared with the simulated isotopic profile calculated for the expected molecular formula of protonated species (bottom panel)

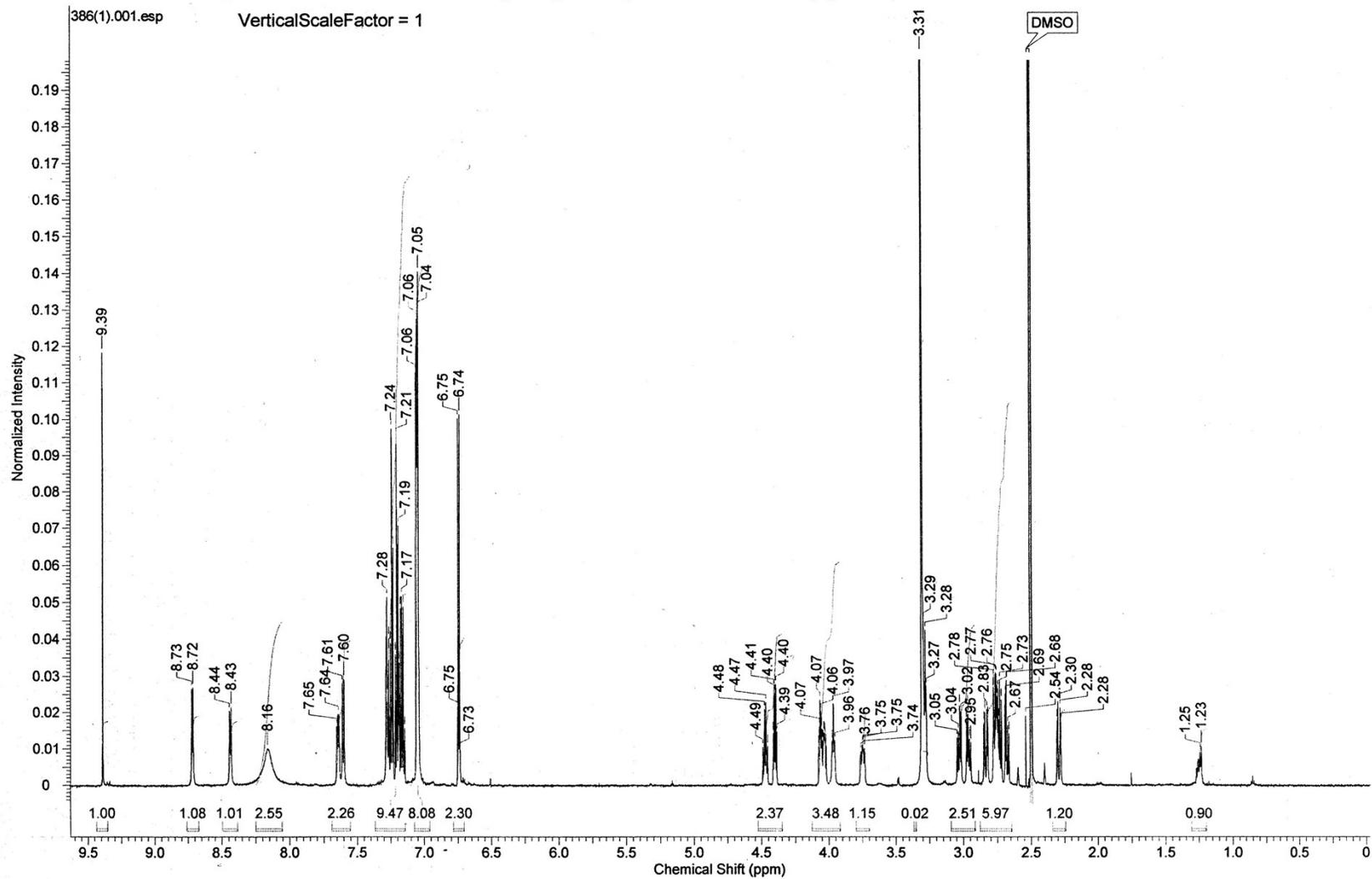
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Tyr-c[D-Orn-Phe-Phe-Asp]NH₂



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Tyr-c[D-Dap-Phe-Phe-Asp]NH₂



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Tyr-c[D-Lys-Phe-Asp]NH2

