

Supplemental Information

Perfluoro-*tert*-butyl-homoserine as a sensitive ^{19}F NMR reporter for peptide-membrane interactions in solution

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Supporting Figures S1 – S5

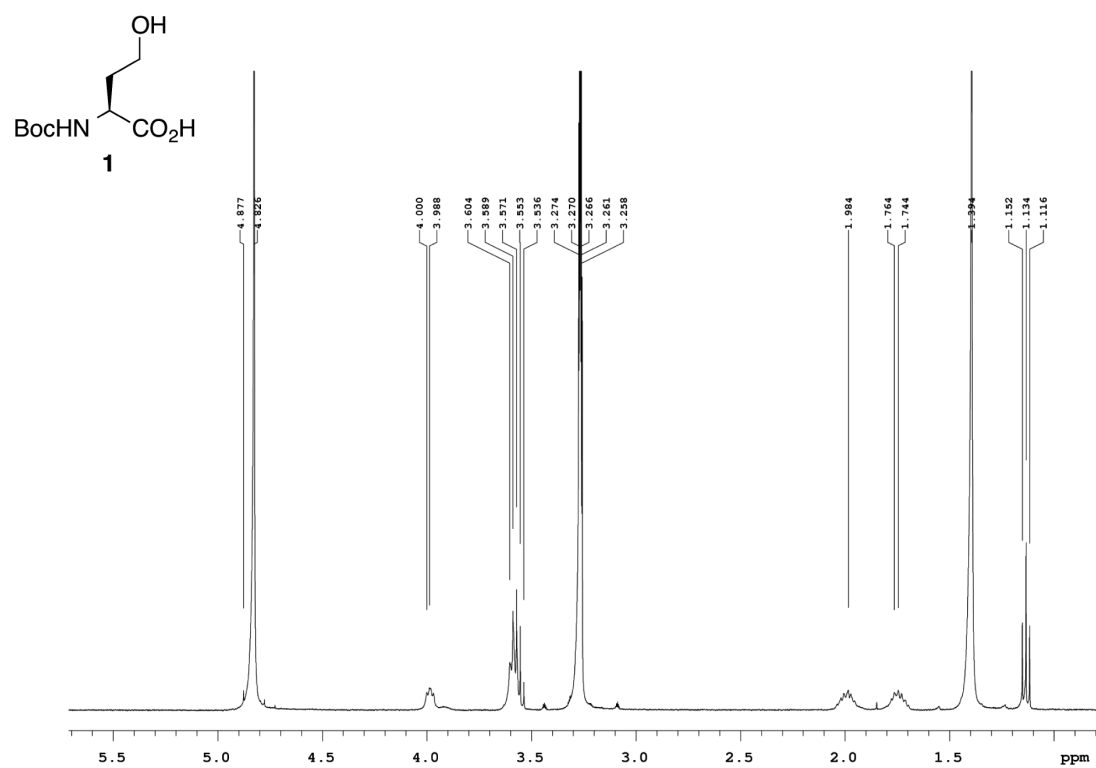


Figure S1. ¹H NMR (400 MHz) spectrum of **1** in methanol-*d*₄.

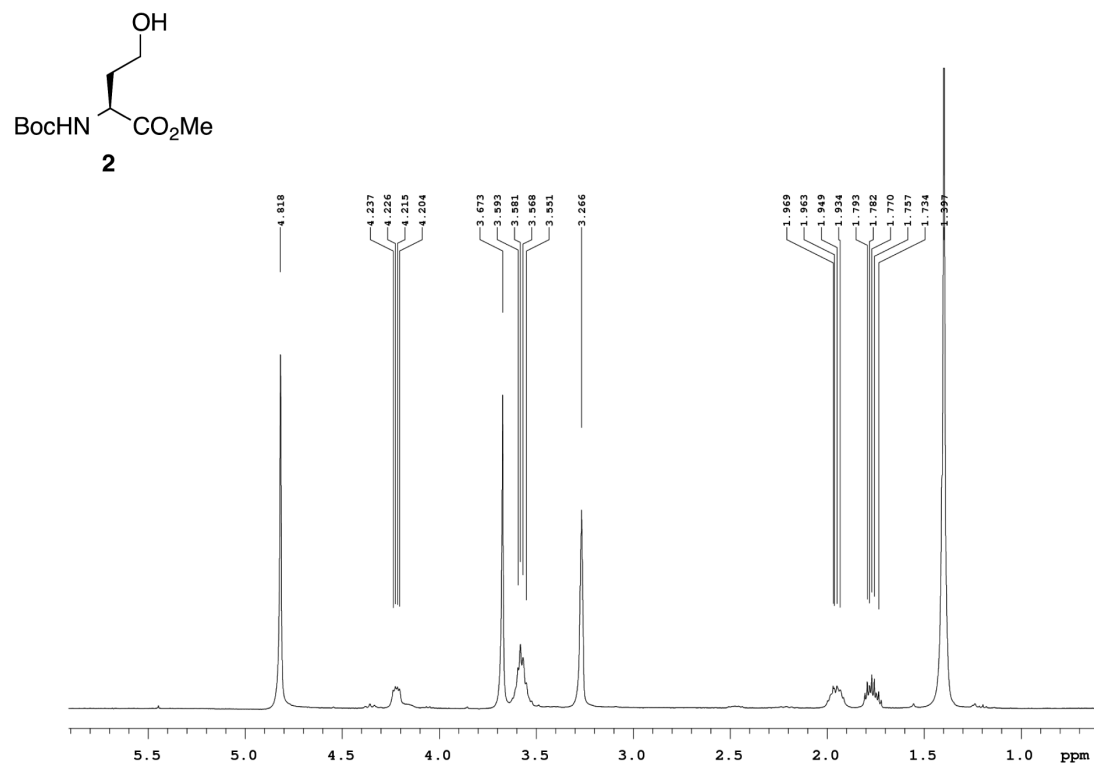


Figure S2. ^1H NMR (400 MHz) spectrum of **2** in methanol- d_4 .

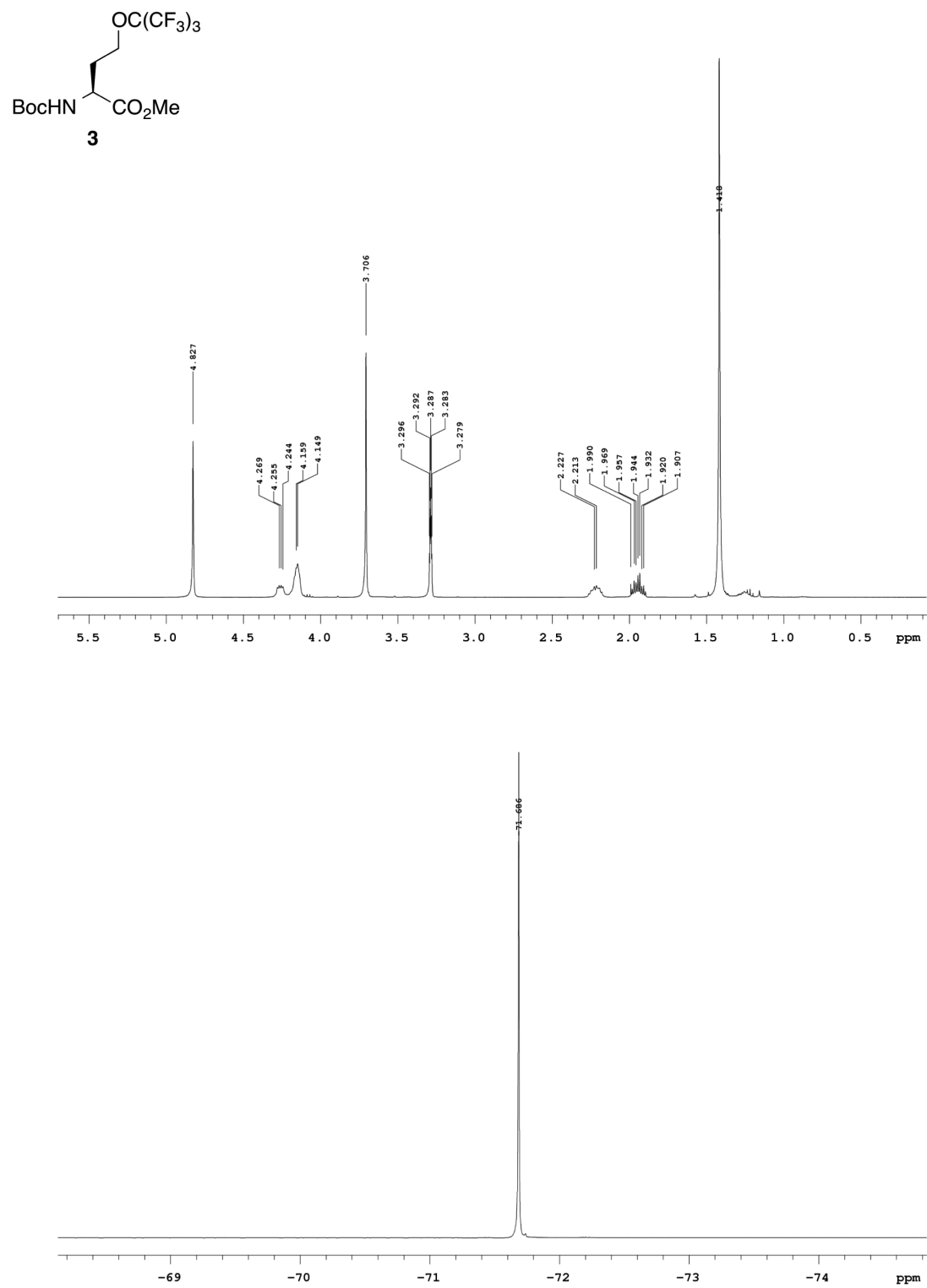


Figure S3. ¹H (400 MHz, top) and ¹⁹F NMR (376 MHz, bottom) spectra of **3** in methanol-*d*₄.

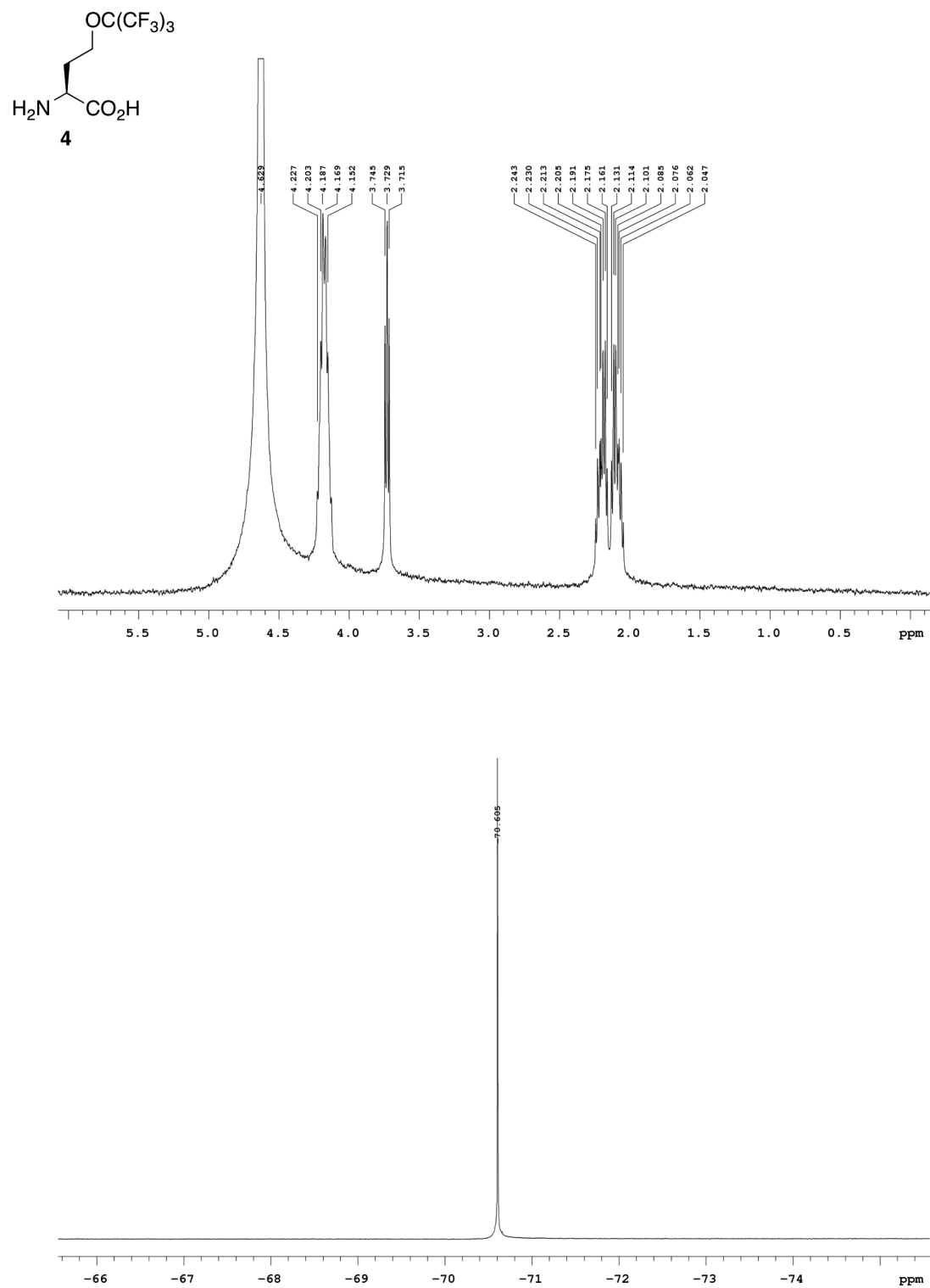


Figure S4. ¹H (400 MHz, top) and ¹⁹F NMR (376 MHz, bottom) spectra of **4** in D₂O.

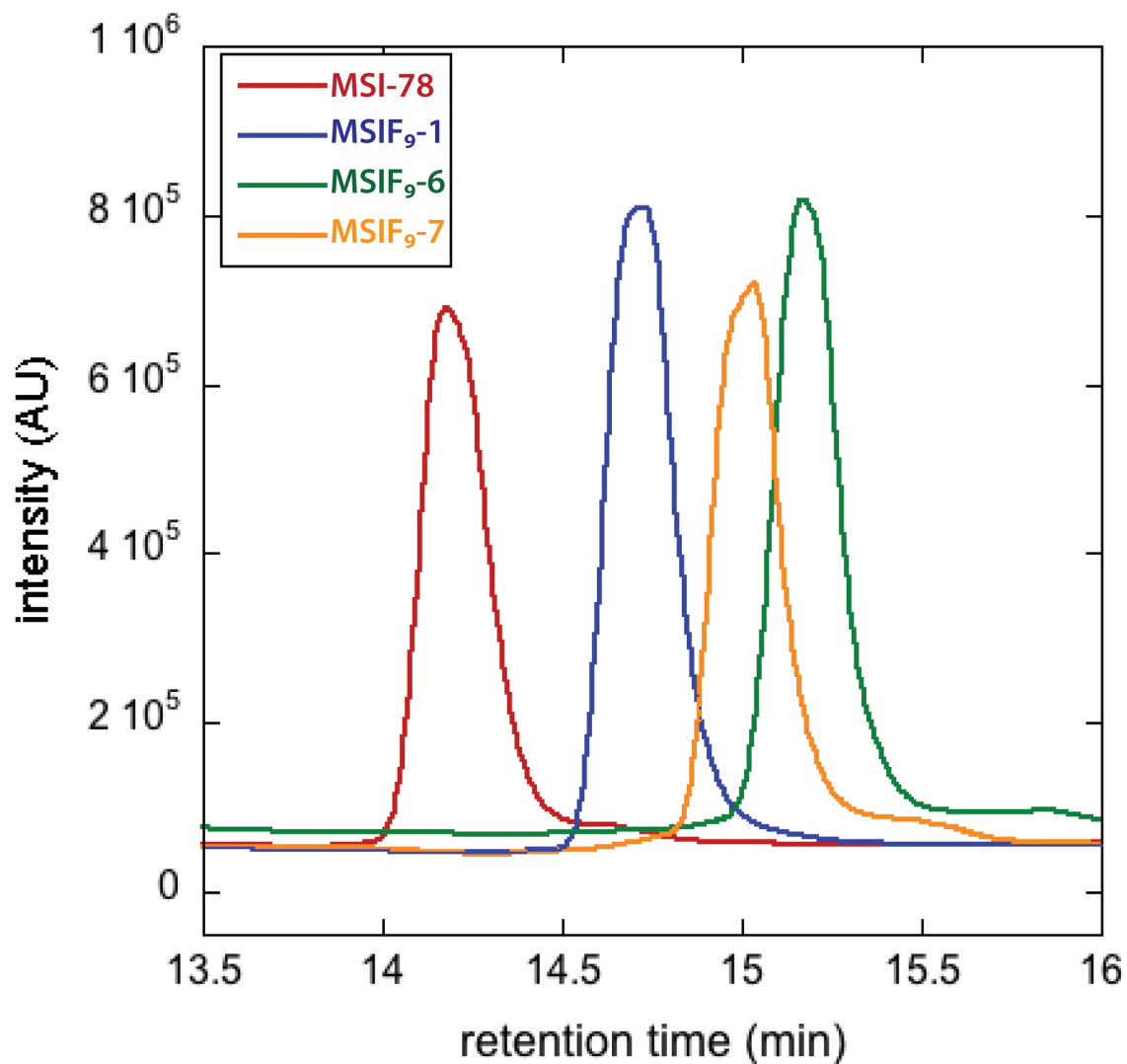


Figure S5. Reverse phase analytical HPLC of MSI-78 and pFtBSer-containing analogs. Run on a 250 x 4.6 mm Nucleosil C₁₈ column with a linear gradient of 5% acetonitrile to 90% acetonitrile over 20 minutes and a flow rate of 0.5 mL/min.