Supplemental Information

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

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Figure S1. $^1$H NMR (400 MHz) spectrum of 1 in methanol-$d_4$. 

Supporting Figures S1 – S5
Figure S2. $^1$H NMR (400 MHz) spectrum of 2 in methanol-$d_4$. 
Figure S3. $^1$H (400 MHz, top) and $^{19}$F NMR (376 MHz, bottom) spectra of 3 in methanol-$d_4$. 
Figure S4. $^1$H (400 MHz, top) and $^{19}$F NMR (376 MHz, bottom) spectra of 4 in D$_2$O.
Figure S5. Reverse phase analytical HPLC of MSI-78 and pFtBSer-containing analogs. Run on a 250 x 4.6 mm Nucleosil C\textsubscript{18} column with a linear gradient of 5% acetonitrile to 90% acetonitrile over 20 minutes and a flow rate of 0.5 mL/min.