

Supporting Information

Computational Design and Development of Benzodioxane-Benzamides as Potent Inhibitors of FtsZ by Exploring the Hydrophobic Subpocket.

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3-[2-(7-(5-methyl-1,2,4-oxadiazol-3-yl)-1,4-benzodioxan-2-yl)ethoxy]-2,6-difluorobenzamide (1)

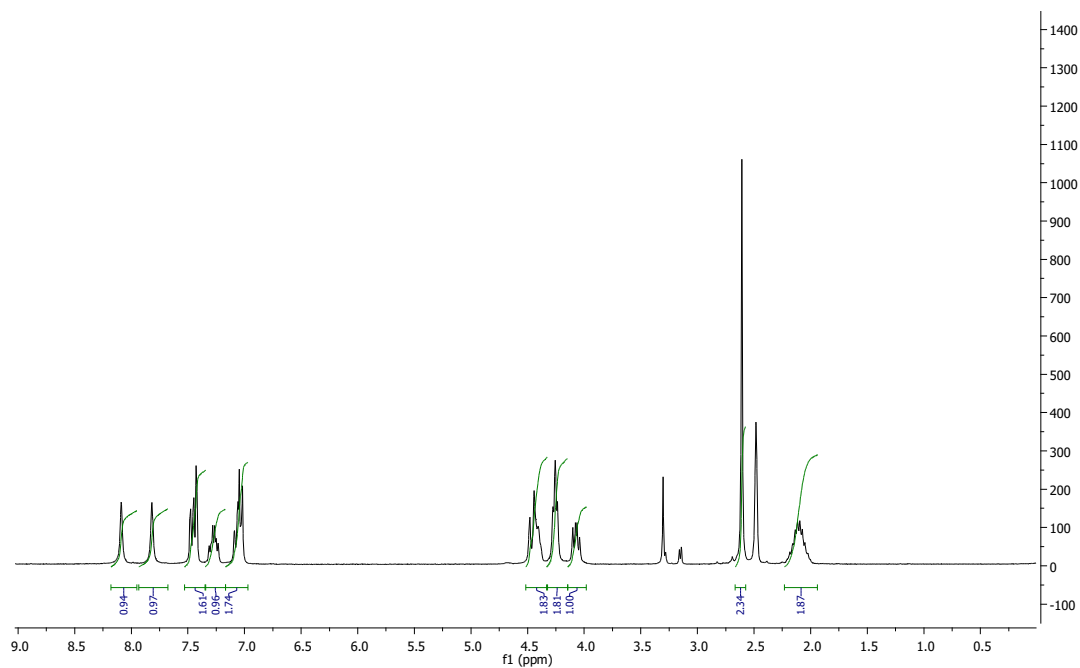
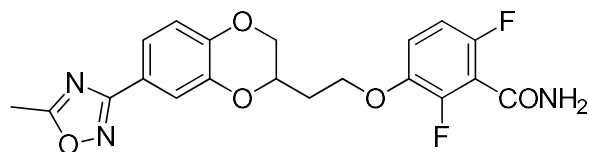


Figure S1: ^1H -NMR spectrum of Compound 1

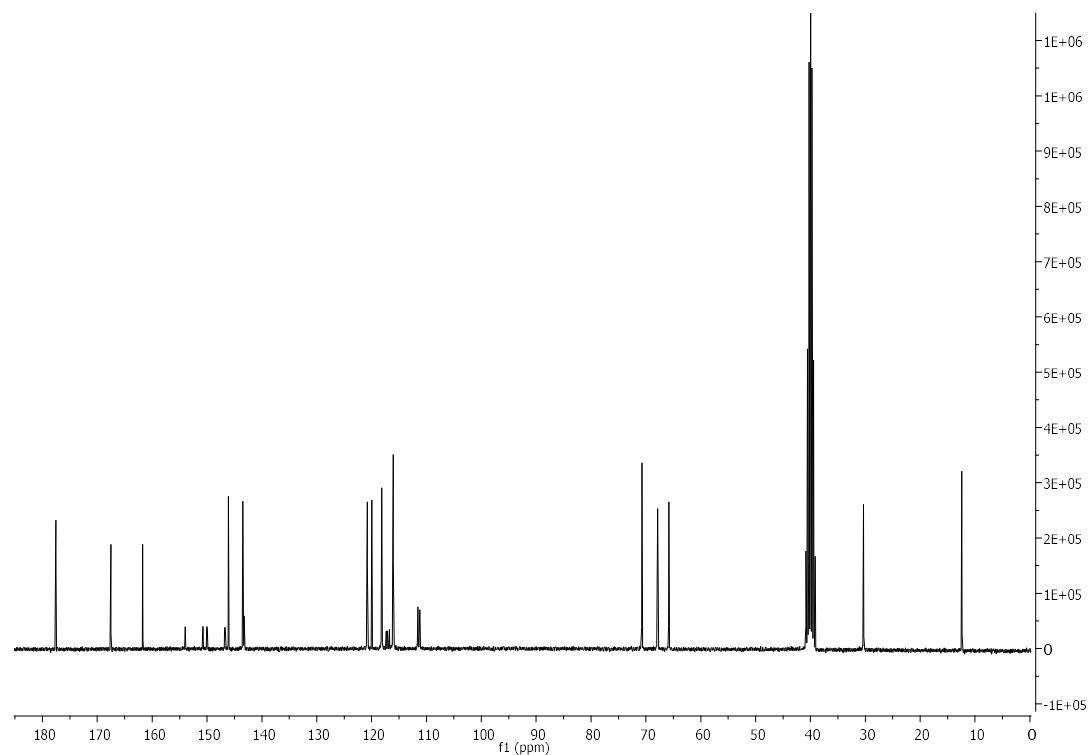


Figure S2: ^{13}C -NMR spectrum of Compound 1

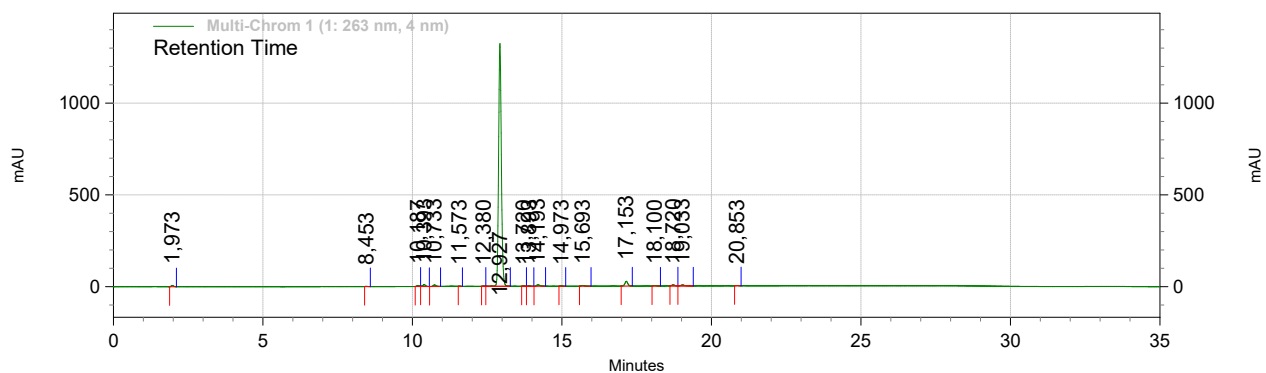


Figure S3: HPLC chromatogram of Compound 1

3-[2-(7-(5-ethyl-1,2,4-oxadiazol-3-yl)-1,4-benzodioxan-2-yl)ethoxy-2,6-difluorobenzamide (2)

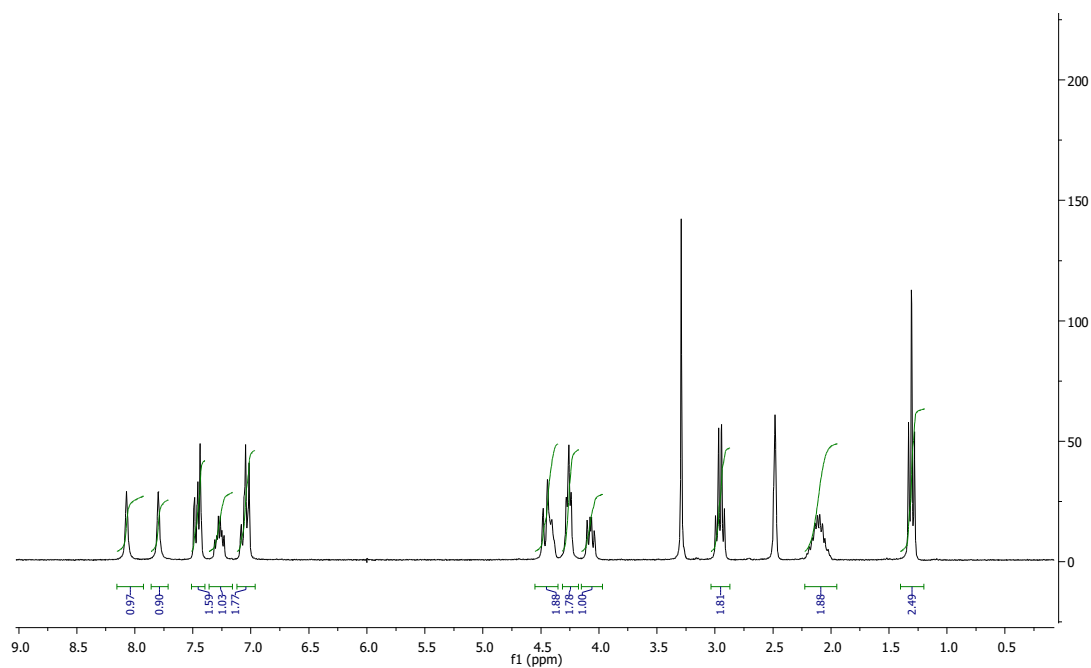
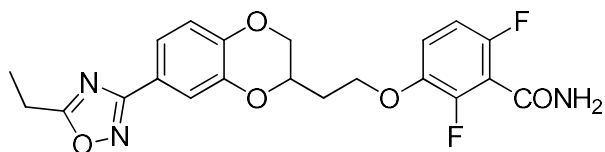


Figure S4: ¹H-NMR spectrum of Compound 2

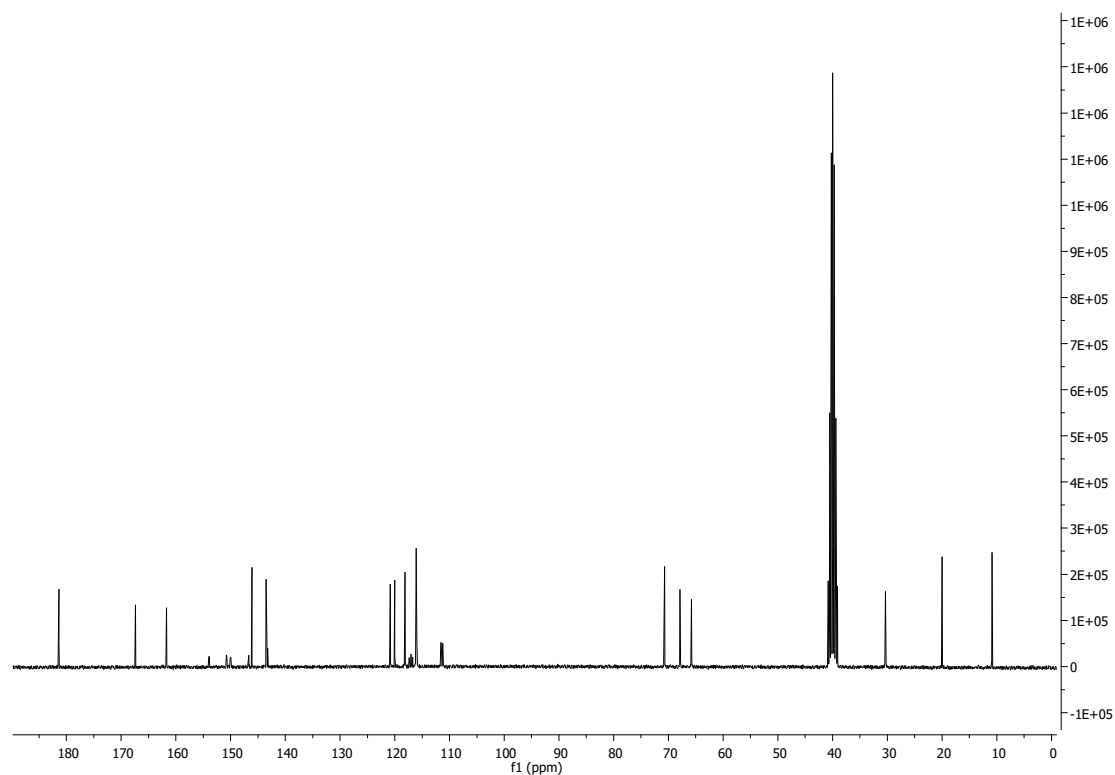


Figure S5: ¹³C-NMR spectrum of Compound 2

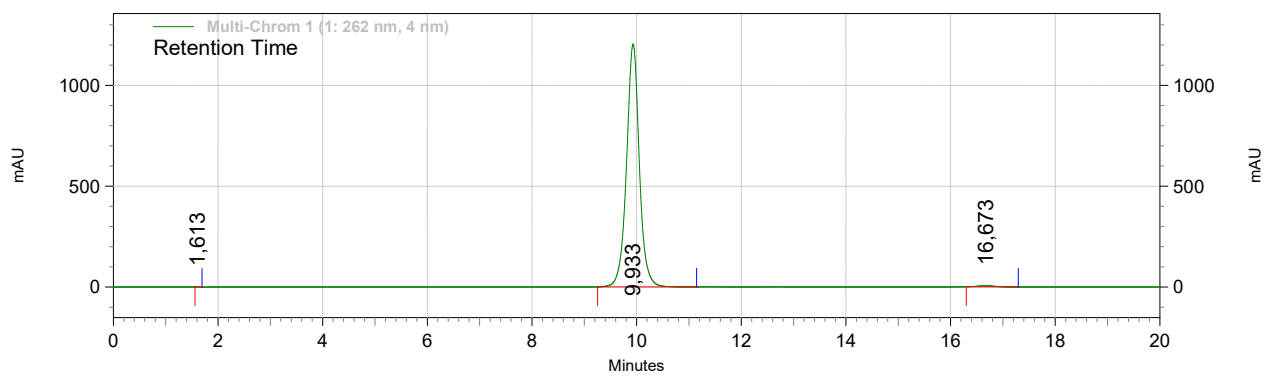


Figure S6: HPLC chromatogram of Compound 2

3-[2-(7-(5-methylthio-1,2,4-oxadiazol-3-yl)-1,4-benzodioxan-2-yl)ethoxy]-2,6-difluorobenzamide (3)

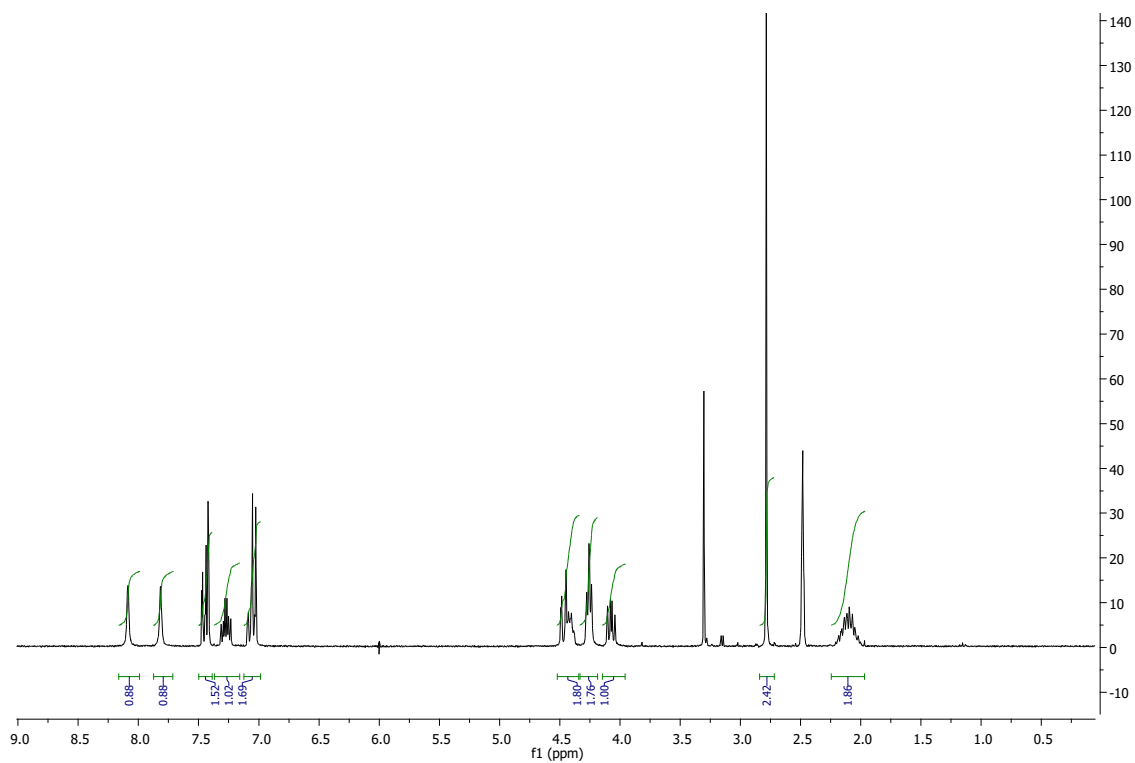
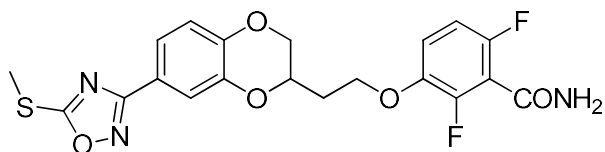


Figure S7: ^1H -NMR spectrum of Compound 3

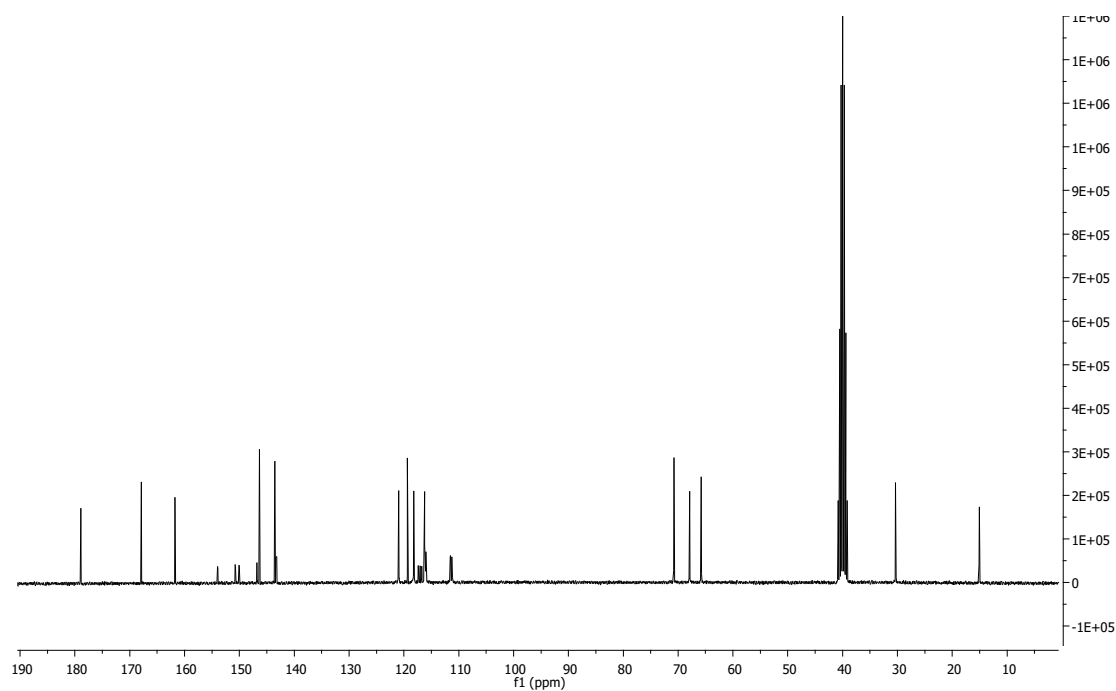


Figure S8: ^{13}C -NMR spectrum of Compound 3

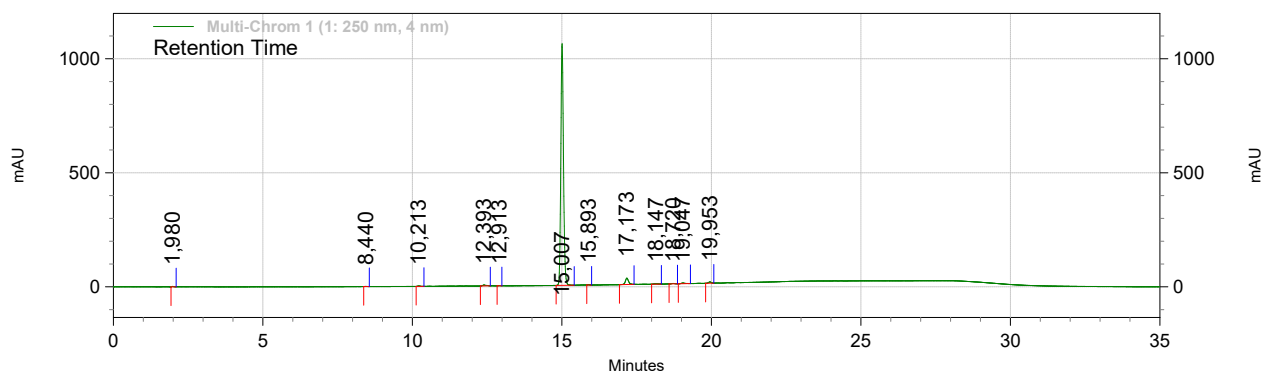


Figure S9: HPLC chromatogram of Compound 3

3-[(2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)methoxy]-2,6-difluorobenzamide (4)

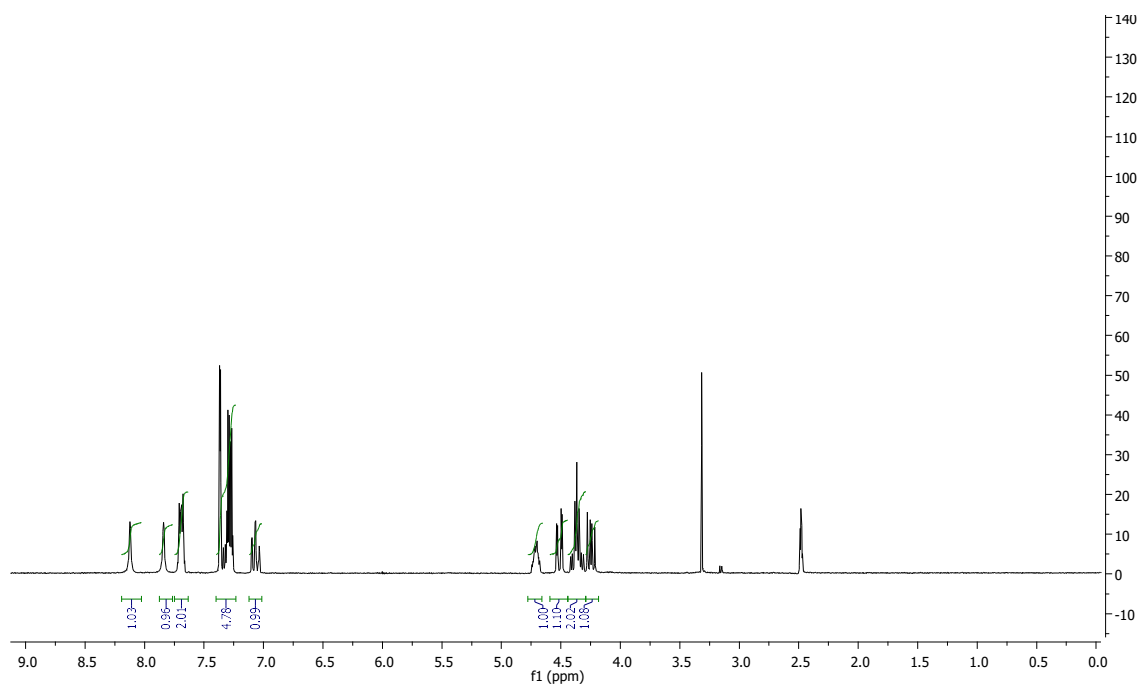
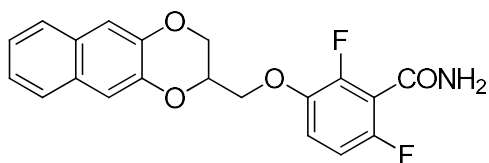


Figure S10: $^1\text{H-NMR}$ spectrum of Compound 4

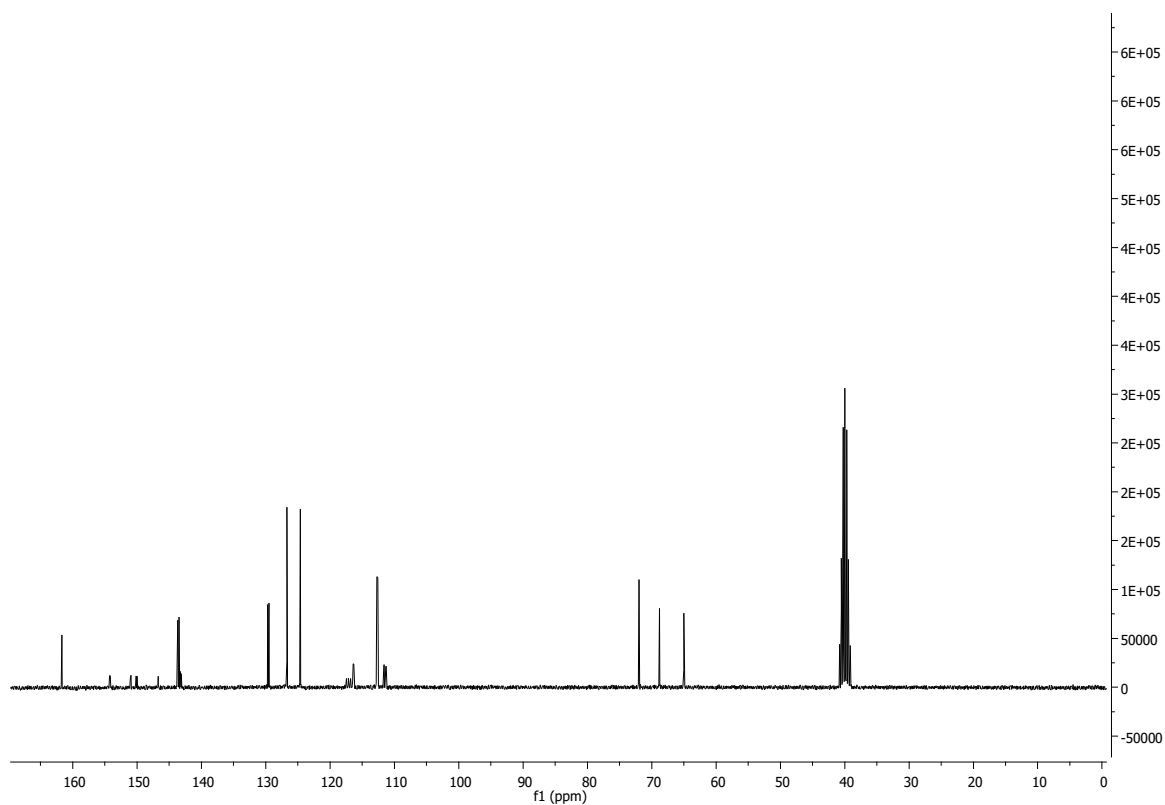


Figure S11: $^{13}\text{C-NMR}$ spectrum of Compound 4

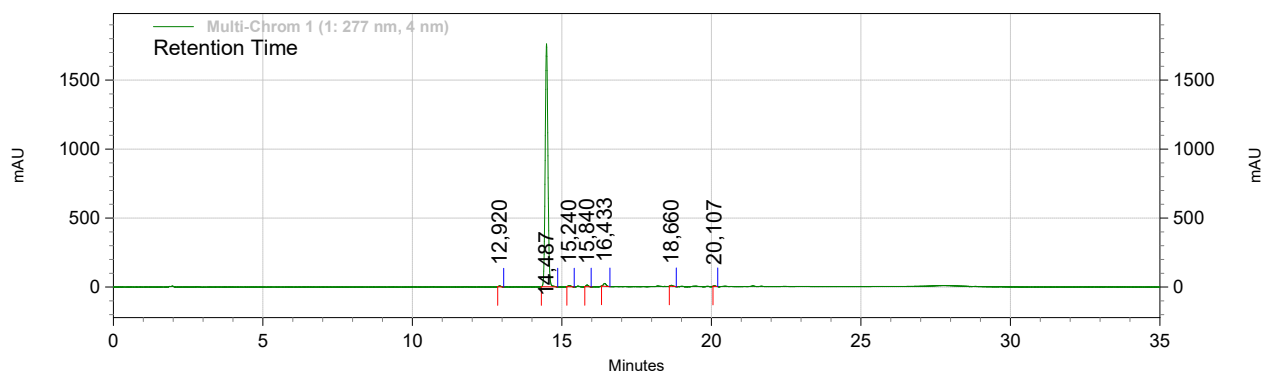


Figure S12: HPLC chromatogram of Compound 4

3-[2-(2,3-dihydronaphtho[2,3-b][1,4]dioxin-2-yl)ethoxy]-2,6-difluorobenzamide (5)

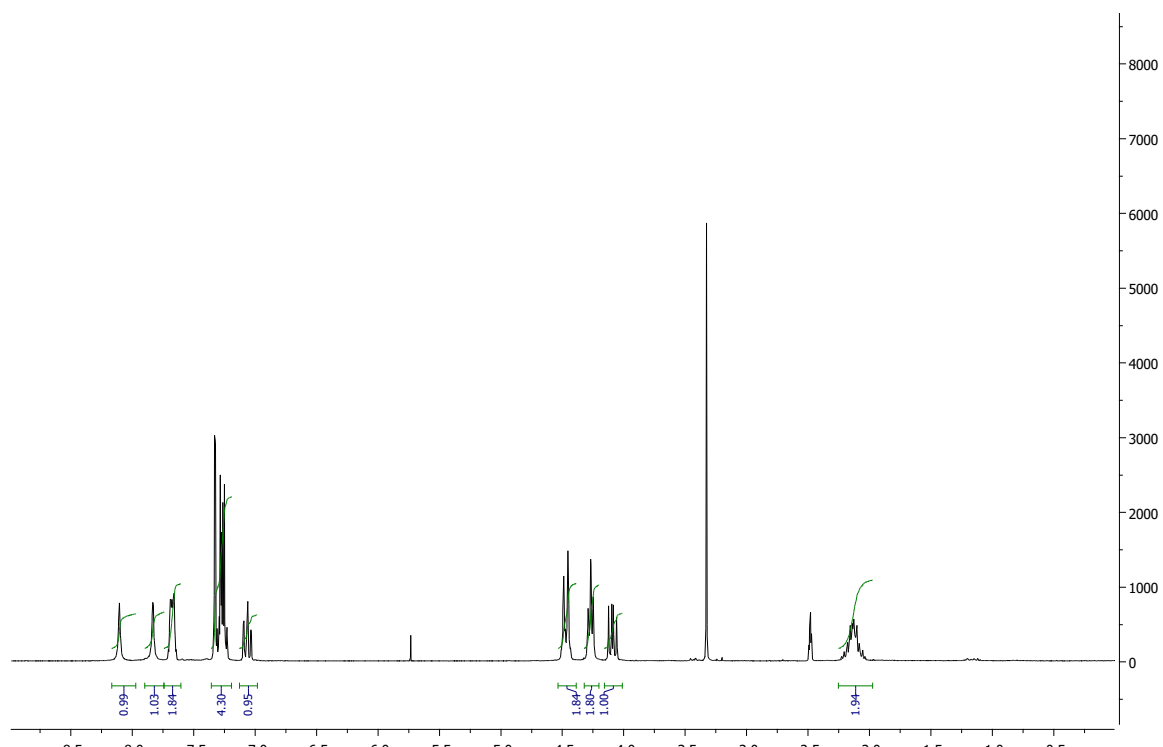
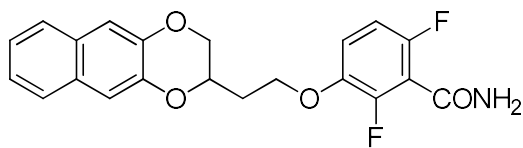


Figure S13: ¹H-NMR spectrum of Compound 5

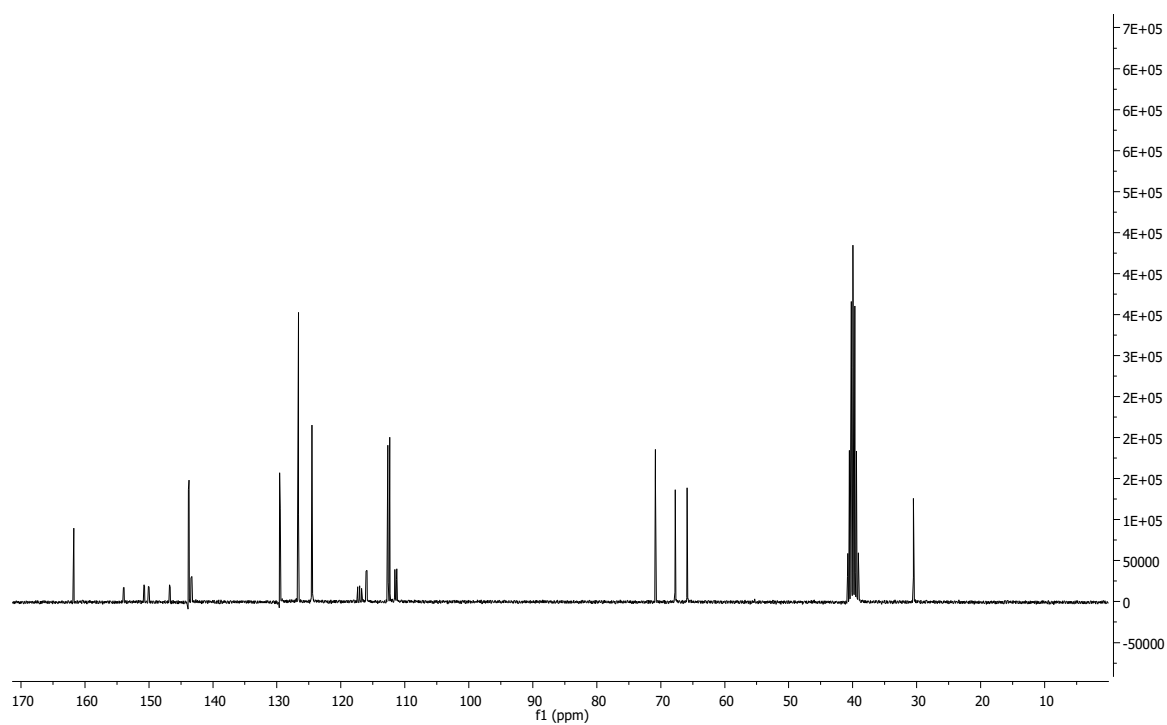


Figure S14: ¹³C-NMR spectrum of Compound 5

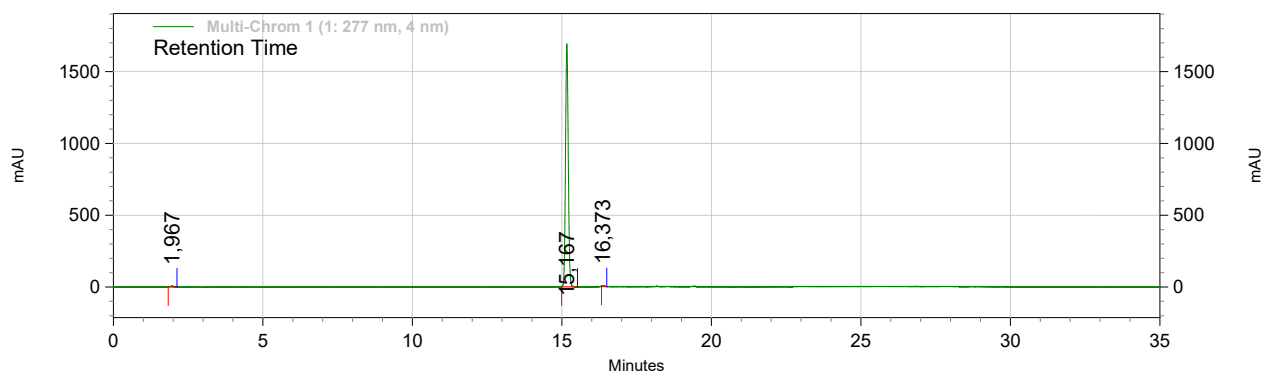


Figure S15: HPLC chromatogram of Compound 5

3-[(3-(naphthalen-2-yl)propyl-1-oxy]-2,6-difluorobenzamide (6)

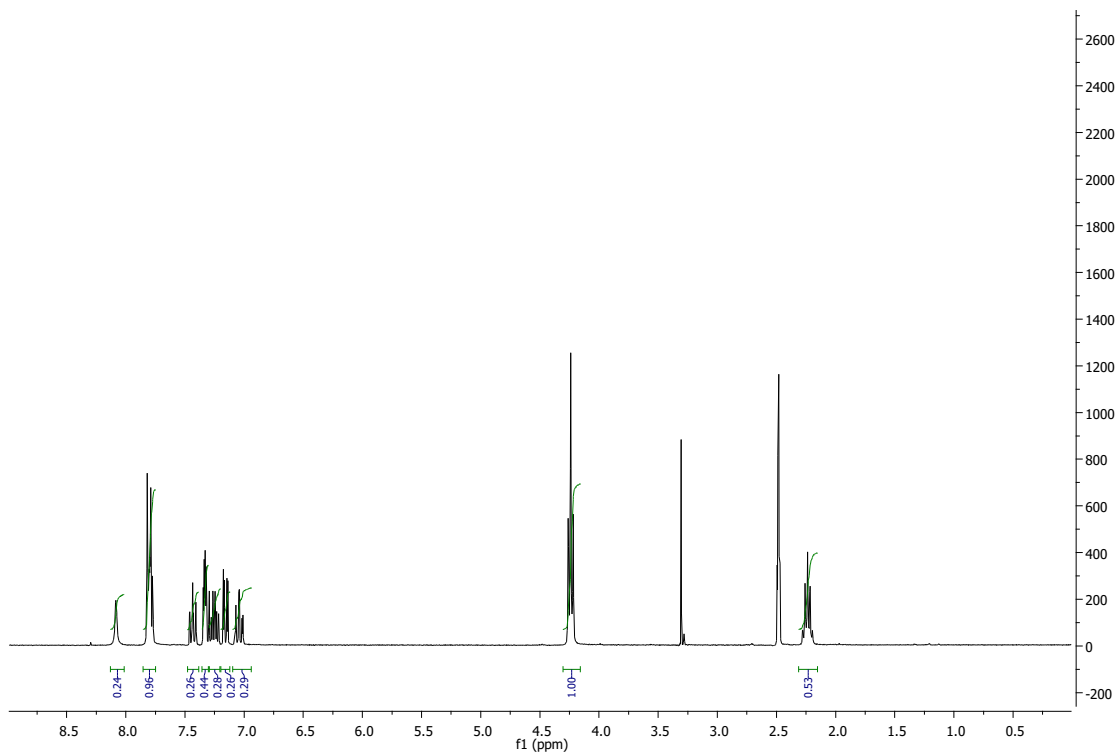
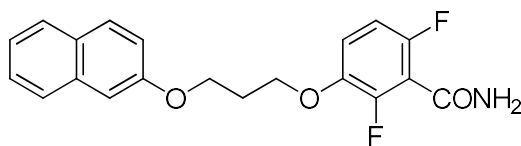


Figure S16: ¹H-NMR spectrum of Compound 6

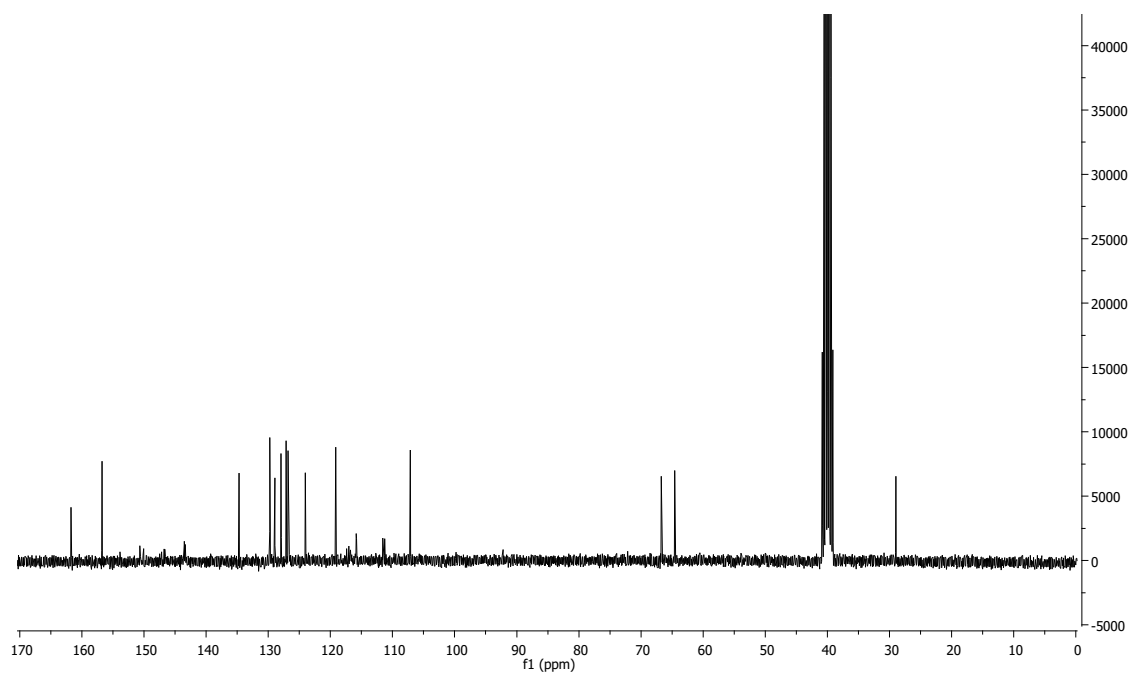


Figure S17: ¹³C-NMR spectrum of Compound 6

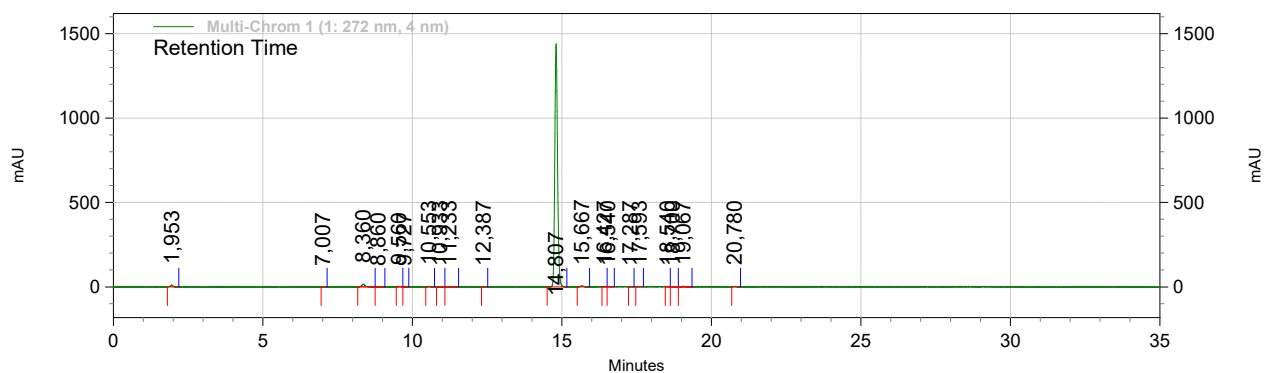


Figure S18: HPLC chromatogram of Compound 6

3-(2,3,6,7,8,9-hexahydronaphtho[2,3-*b*][1,4]dioxin-2-yl)methoxy]-2,6-difluorobenzamide (7)

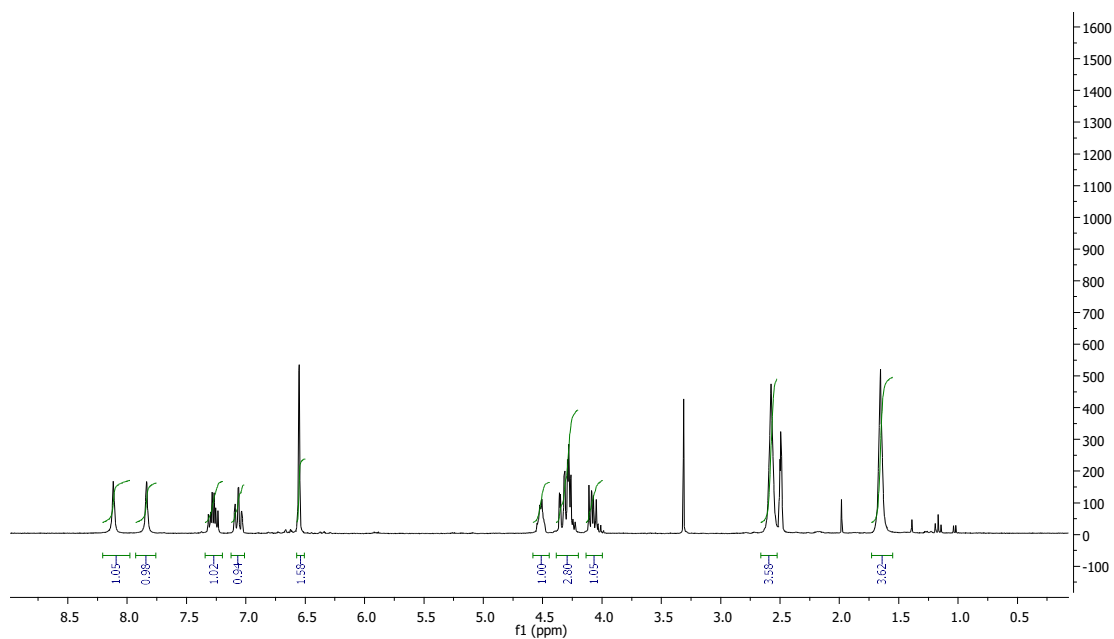
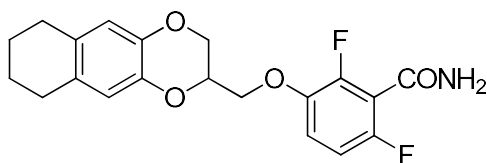


Figure S19: ¹H-NMR spectrum of Compound 7

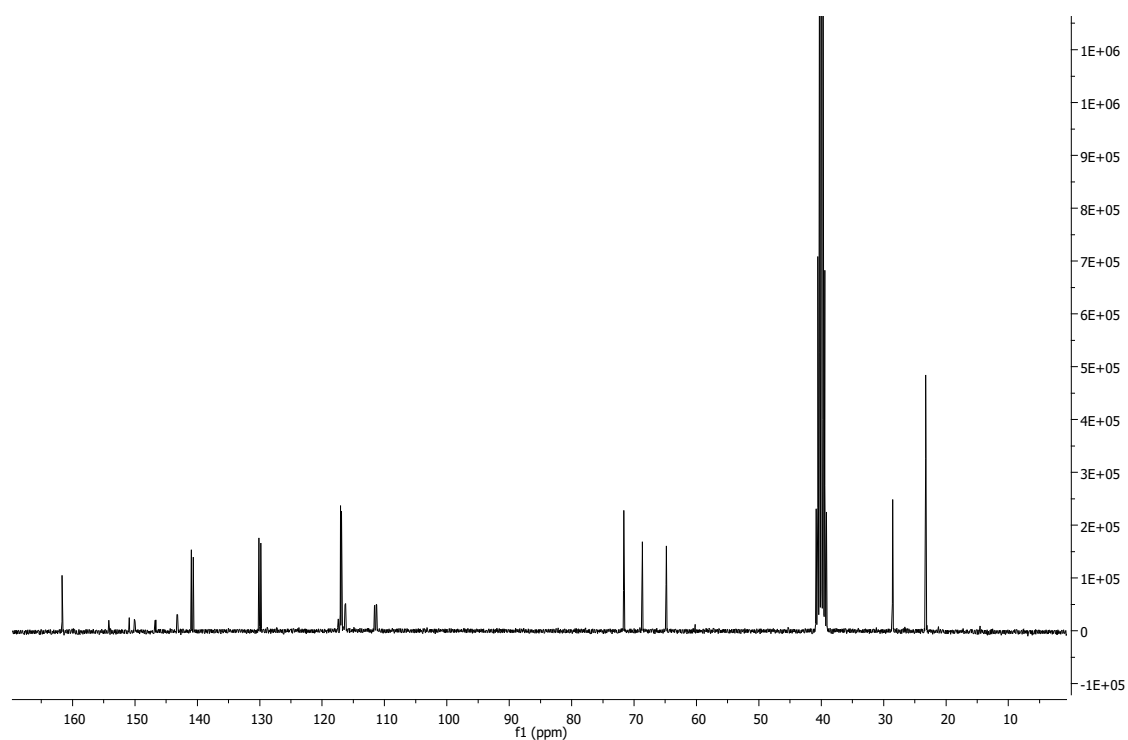


Figure S20: ¹³C-NMR spectrum of Compound 7

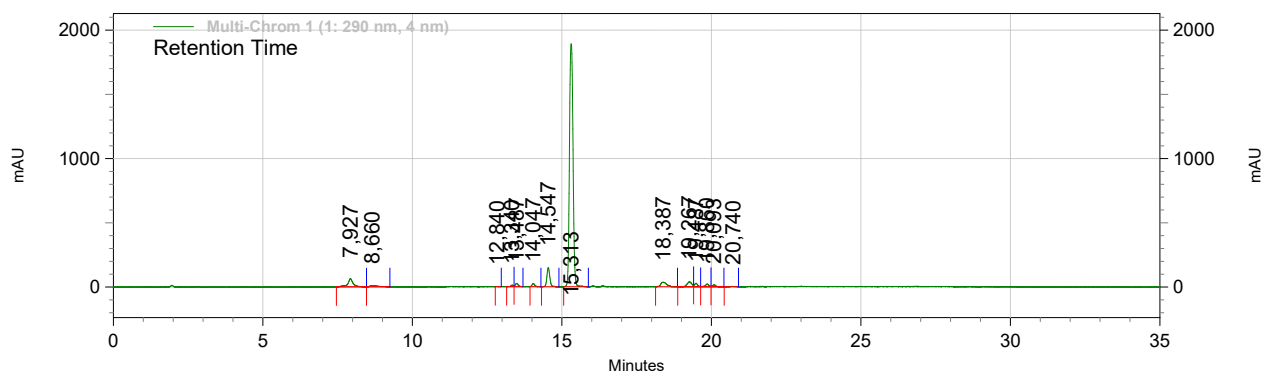


Figure S21: HPLC chromatogram of Compound 7

3-[2-(2,3,6,7,8,9-hexahydronaphtho[2,3-*b*][1,4]dioxin-2-yl)ethoxy]-2,6-difluorobenzamide (8)

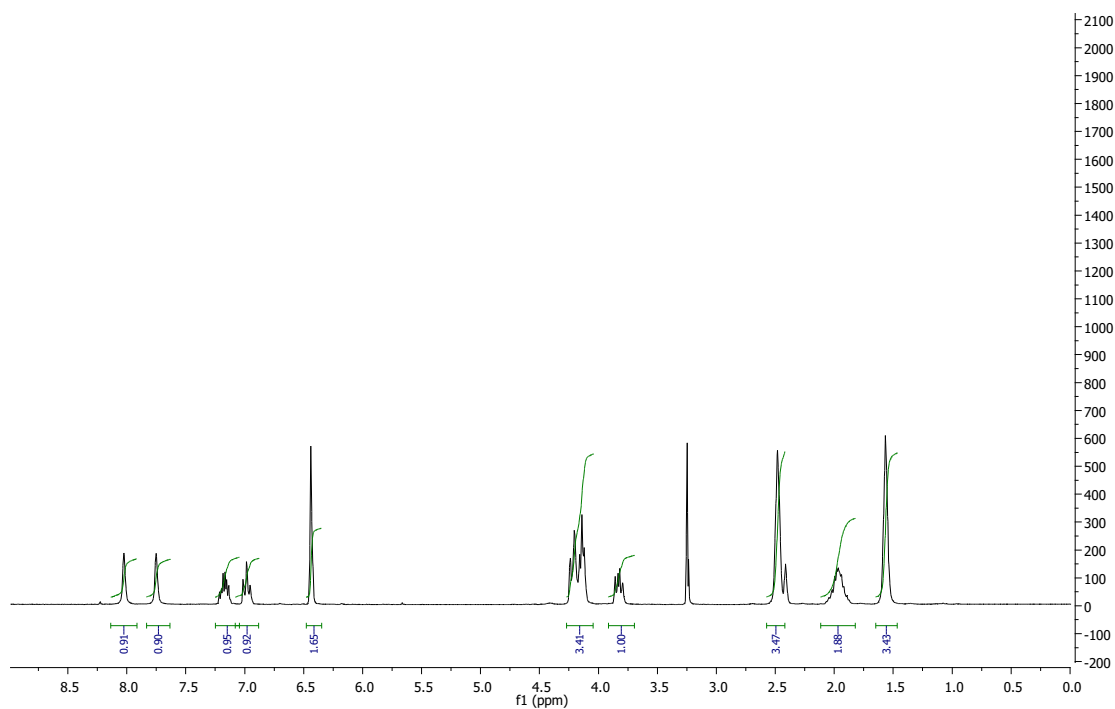
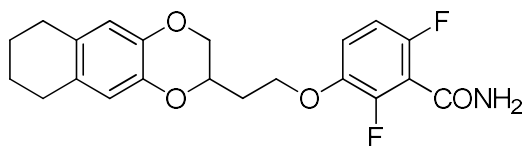


Figure S22: ¹H-NMR spectrum of Compound 8

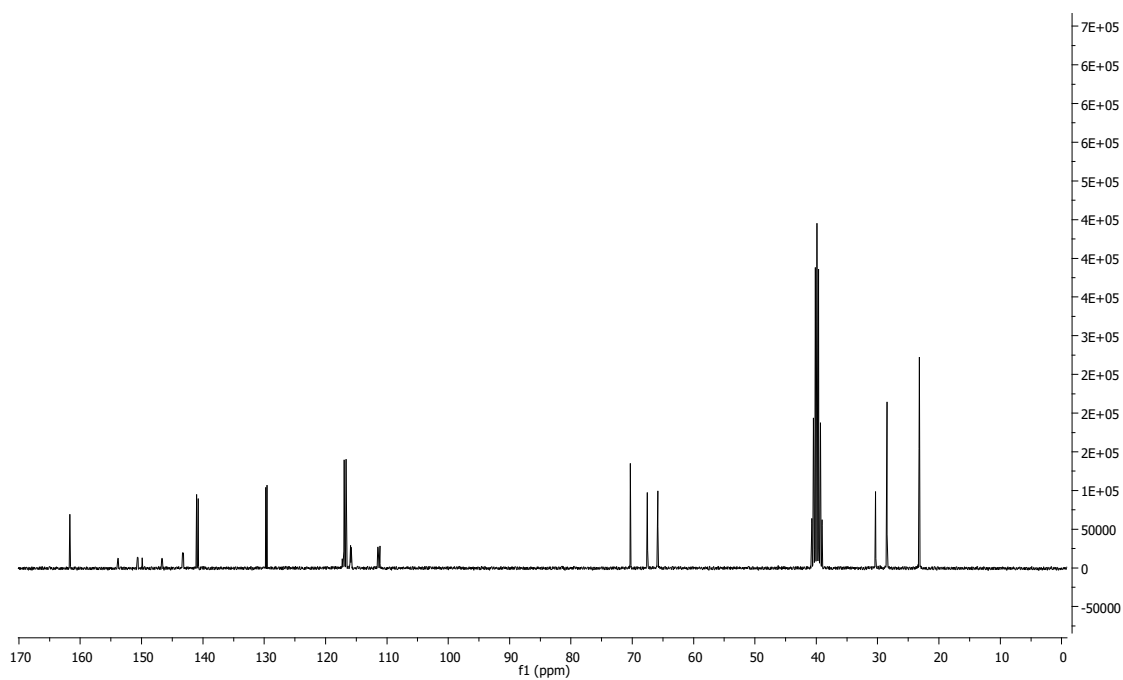


Figure S23: ¹³C-NMR spectrum of Compound 8

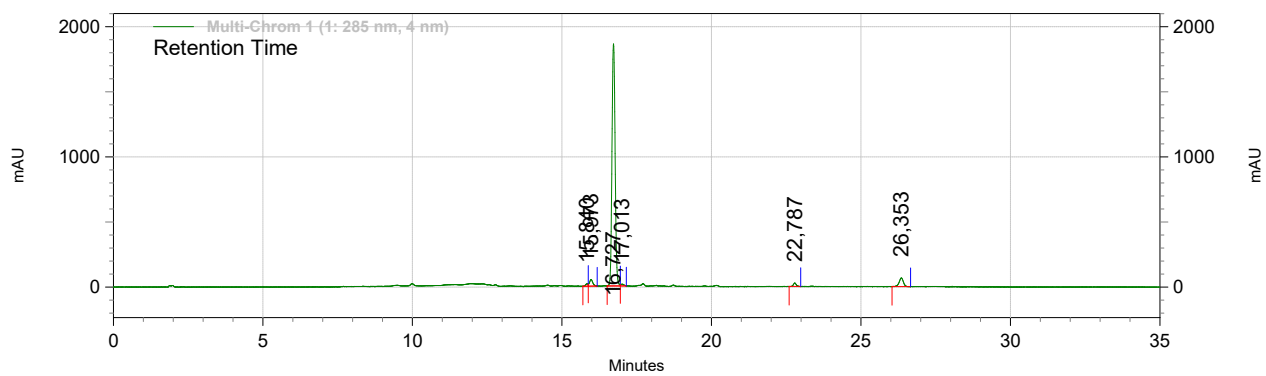


Figure S24: HPLC chromatogram of Compound 8