

Supporting Information

Sulfonyl Fluoride Inhibitors of Fatty Acid Amide Hydrolase

Shakiru O. Alapafuja,[†] Spyros P. Nikas,^{*,†} Indu Bharatan,[†] Vidyanand G. Shukla,[†] Mahmoud L. Nasr,[†] Anna L. Bowman,[†] Nikolai Zvonok,[†] Jing Li,[†] Xiaomeng Shi,[#] John R. Engen,[#] and Alexandros Makriyannis.^{*,†}

[†]Center for Drug Discovery and Departments of Chemistry and Chemical Biology and Pharmaceutical Sciences, Northeastern University, Boston, MA, 02115, USA.

[#]Department of Chemistry and Chemical Biology and Barnett Institute of Chemical and Biological Analysis, Northeastern University, Boston, MA, 02115, USA.

*To whom correspondence should be addressed.

Table 1S: Elemental analyses

Compd.	Mol. Formula	Calcd.	Found
11a	C ₉ H ₁₁ FO ₂ S	C: 53.45; H, 5.48	C: 53.68, H: 5.67
11b	C ₁₀ H ₁₃ FO ₂ S	C: 55.54; H, 6.06	C: 55.88, H: 5.77
11c	C ₁₁ H ₁₅ FO ₂ S	C: 57.37; H, 6.56	C: 57.69, H: 6.91
11d	C ₁₂ H ₁₇ FO ₂ S	C: 58.99; H, 7.01	C: 59.18, H: 7.13
11e	C ₁₃ H ₁₉ FO ₂ S	C: 60.44; H, 7.41	C: 60.17, H: 7.10
11f	C ₁₄ H ₂₁ FO ₂ S	C: 61.73; H, 7.77	C: 61.41, H: 7.89
20a	C ₂₀ H ₂₅ FO ₃ S	C: 65.91; H, 6.91	C: 66.16, H: 7.13
20b	C ₂₀ H ₂₅ FO ₃ S	C: 65.91; H, 6.91	C: 65.63, H: 6.74
20c	C ₂₀ H ₂₅ FO ₃ S	C: 65.91; H, 6.91	C: 66.22, H: 7.11
20d	C ₁₈ H ₂₁ FO ₃ S	C: 64.26; H, 6.29	C: 64.21, H: 6.03
21a	C ₁₃ H ₁₉ FO ₃ S	C: 56.91; H, 6.98	C: 56.76, H: 7.21
21b	C ₁₃ H ₁₉ FO ₃ S	C: 56.91; H, 6.98	C: 56.64, H: 6.74
21c	C ₁₃ H ₁₉ FO ₃ S	C: 56.91; H, 6.98	C: 57.23, H: 7.27
21d	C ₁₁ H ₁₅ FO ₃ S	C: 53.64; H, 6.14	C: 53.75, H: 6.36
26	C ₁₇ H ₁₉ FO ₄ S	C: 60.34; H, 5.66	C: 60.45, H: 5.87
27	C ₂₁ H ₂₈ O ₄ S	C: 66.99; H, 7.50	C: 66.67, H: 7.19