

Supporting Information
for
Synthesis of fluoro-functionalized diaryl- λ^3 -iodonium salts and their cytotoxicity against human lymphoma U937 cells

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Cytotoxicity data, copies of ¹H, ¹⁹F and ¹³C NMR spectra of 7, 3p, 4b, 5a and 6a and the ORTEP diagram of 3p

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Evaluation of the cytotoxicity of diaryliodonium salts against Human leukemic monocyte lymphoma U937 at 20 μM concentration:

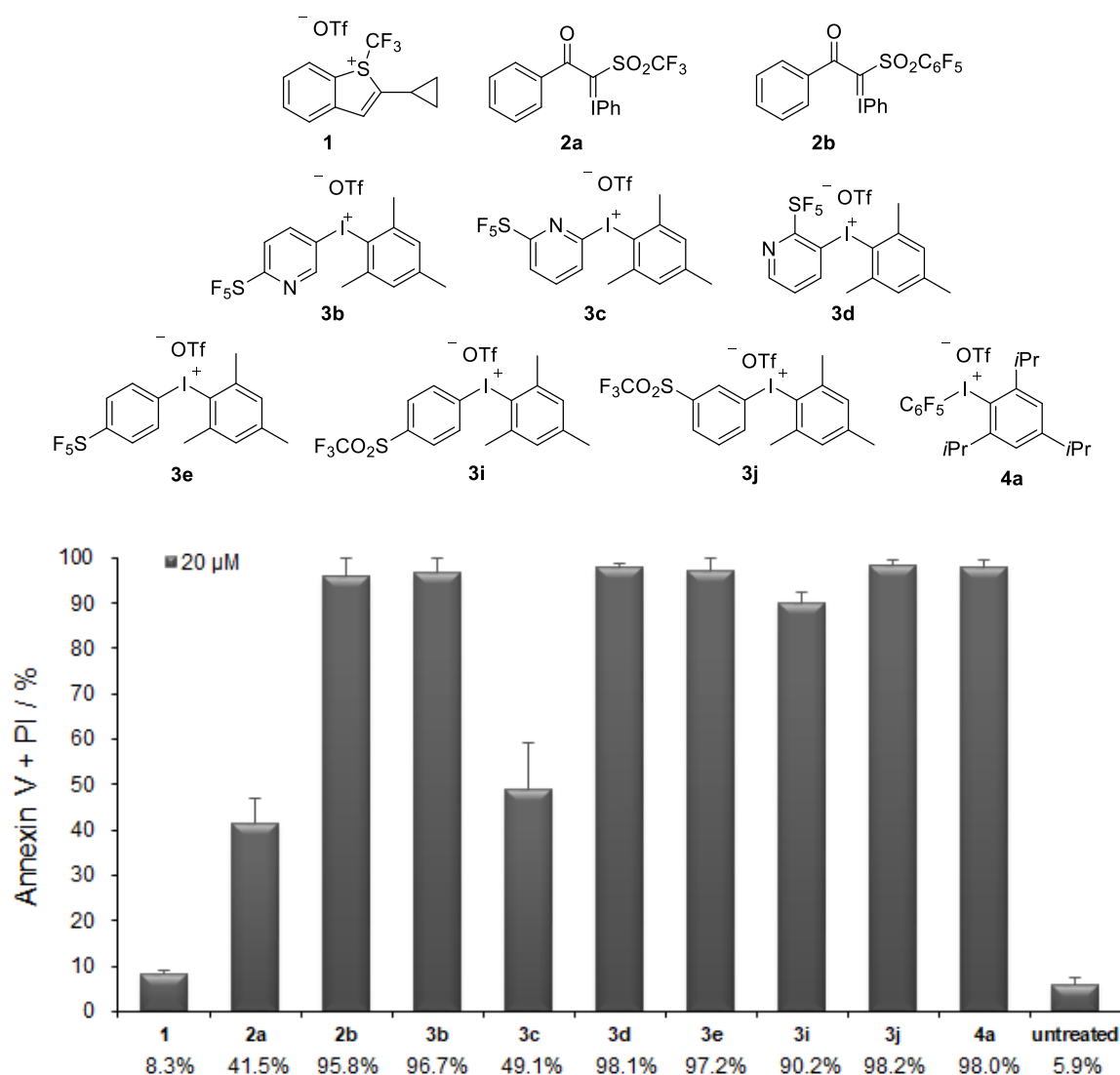


Figure S1: Compounds 1–4 induced cell death in U937 cells. Briefly, U937 cells (1×10^4 cells/mL) were incubated with each test compound at 20 μM for 24 h. Cells were stained with annexin V and propidium iodide (PI). The data is shown as mean \pm SD ($n = 3$).

Evaluation of cytotoxicity of *ortho*-fluorinated diaryliodonium salts **3k**, **3m** and **3p** towards human normal B AGLCL cell line at 20 μ M concentration:

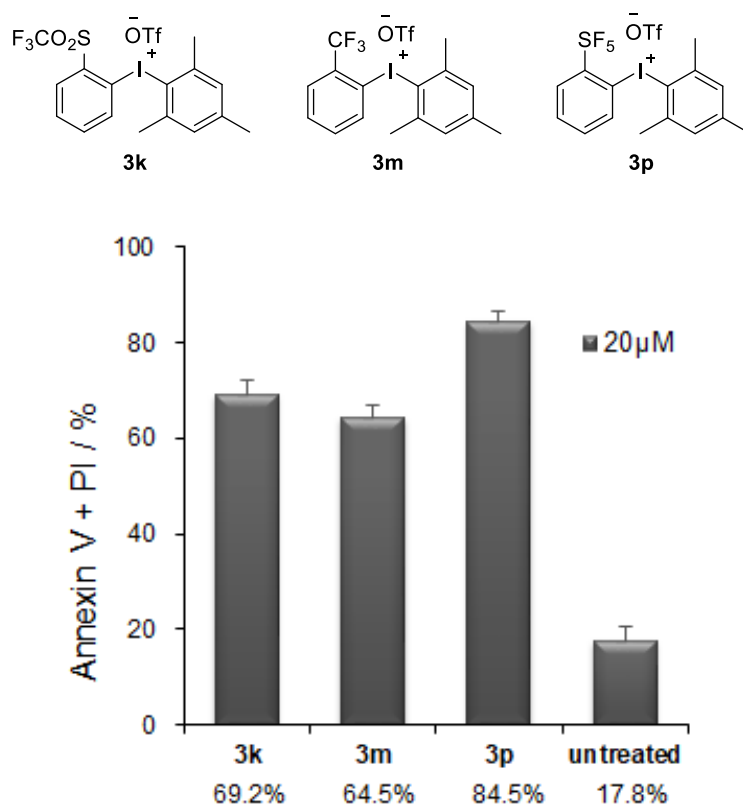


Figure S2: **3k**, **3m** and **3p** induced cell death in AGLCL, a human normal B cell line (1×10^4 cells/mL) were incubated with each test compound at 20 μ M for 24 h. Cells were stained with annexin V and propidium iodide (PI). The data is shown as mean \pm SD ($n = 3$).

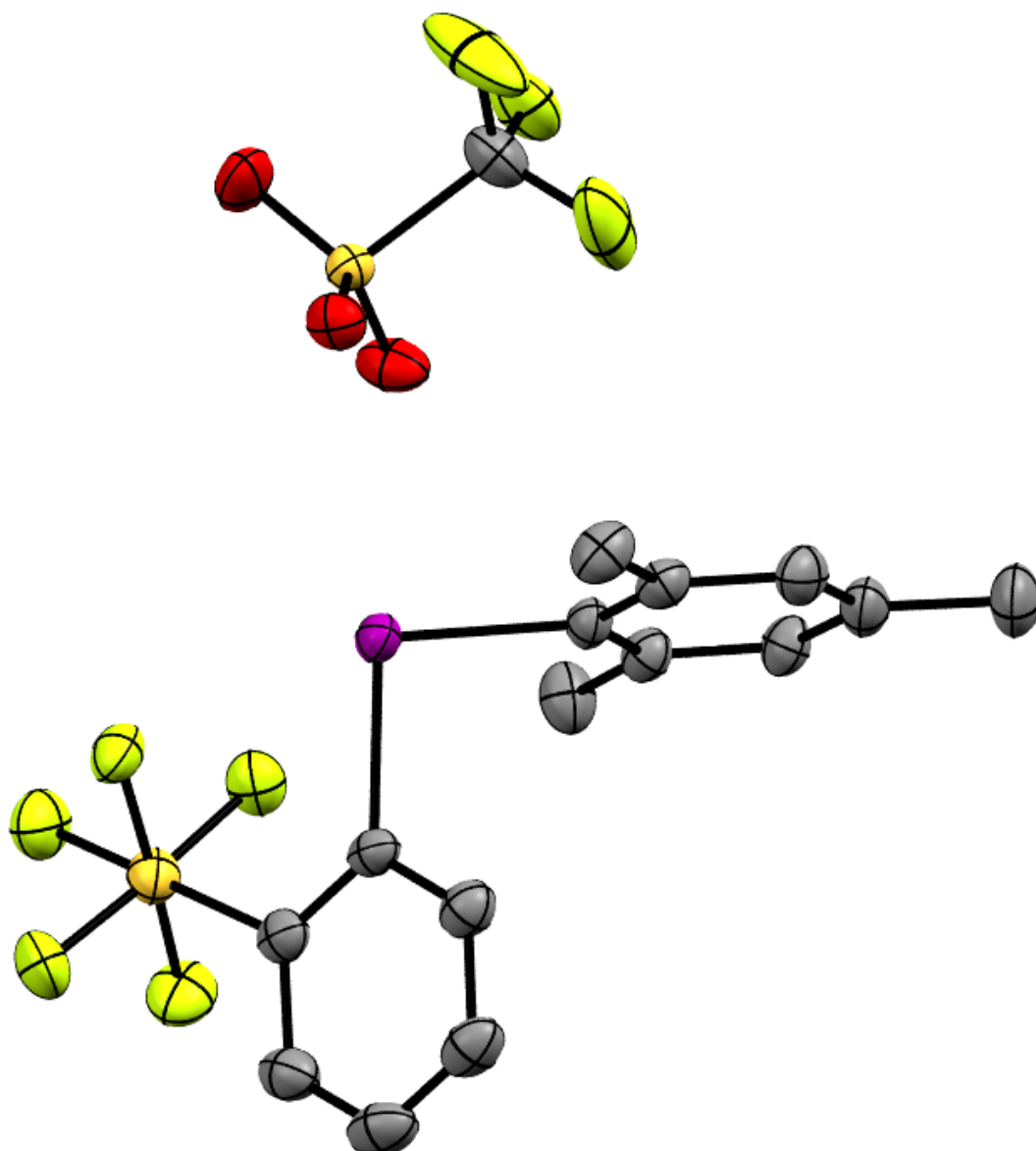


Figure 1: Ortep diagram of **3p** drawn at 50% probability. The hydrogen atoms have been omitted for clarity.

