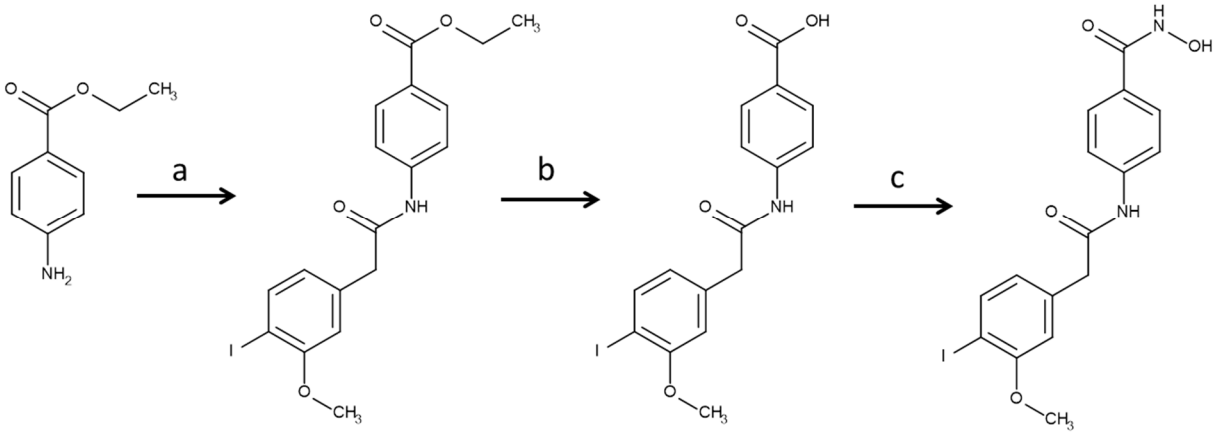
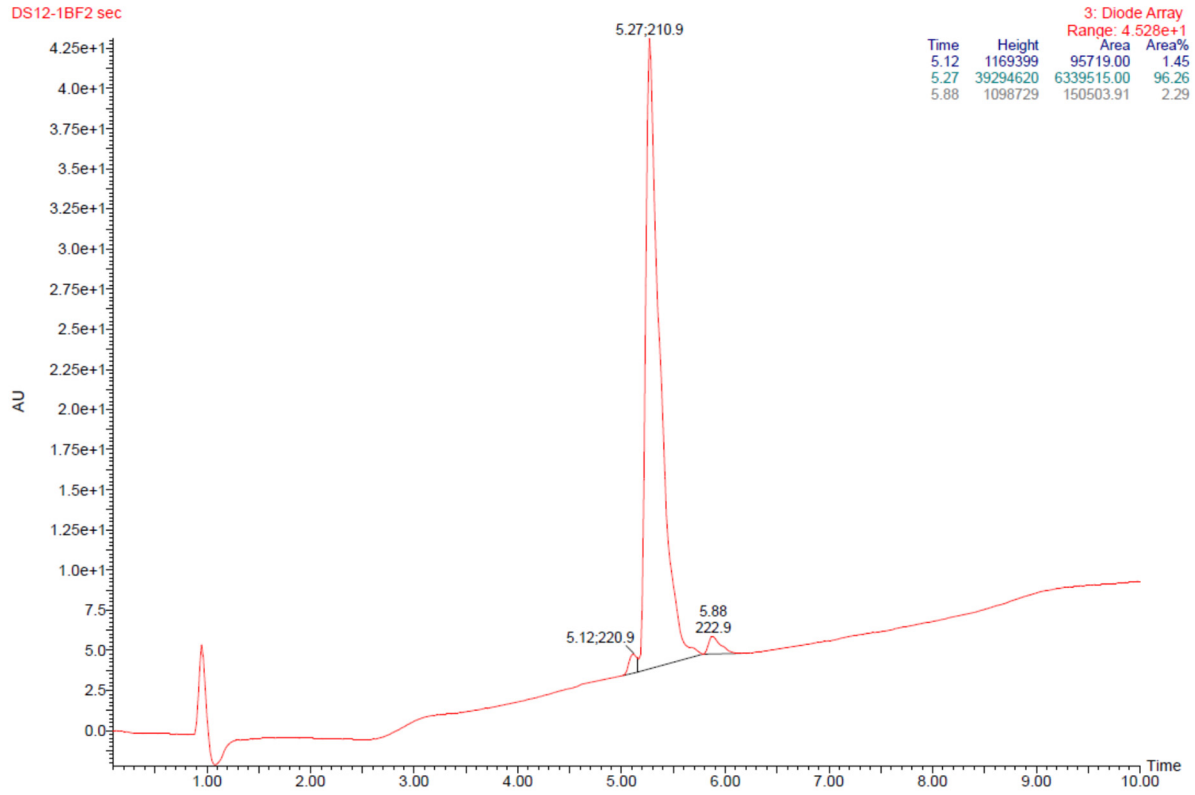
Supplementary data S1

Scheme S1: **Synthetic routes of iodo-JF363.** Reagents and conditions: (a) m-OMe-p-I-Ph-COOH, DIEA, HOBt DCM; (b) KOH, MeOH/H_2O 40 °C; (c) (i) Cl-CO_2Et, NMM, DMF, (ii) NH_2OH, MeOH.

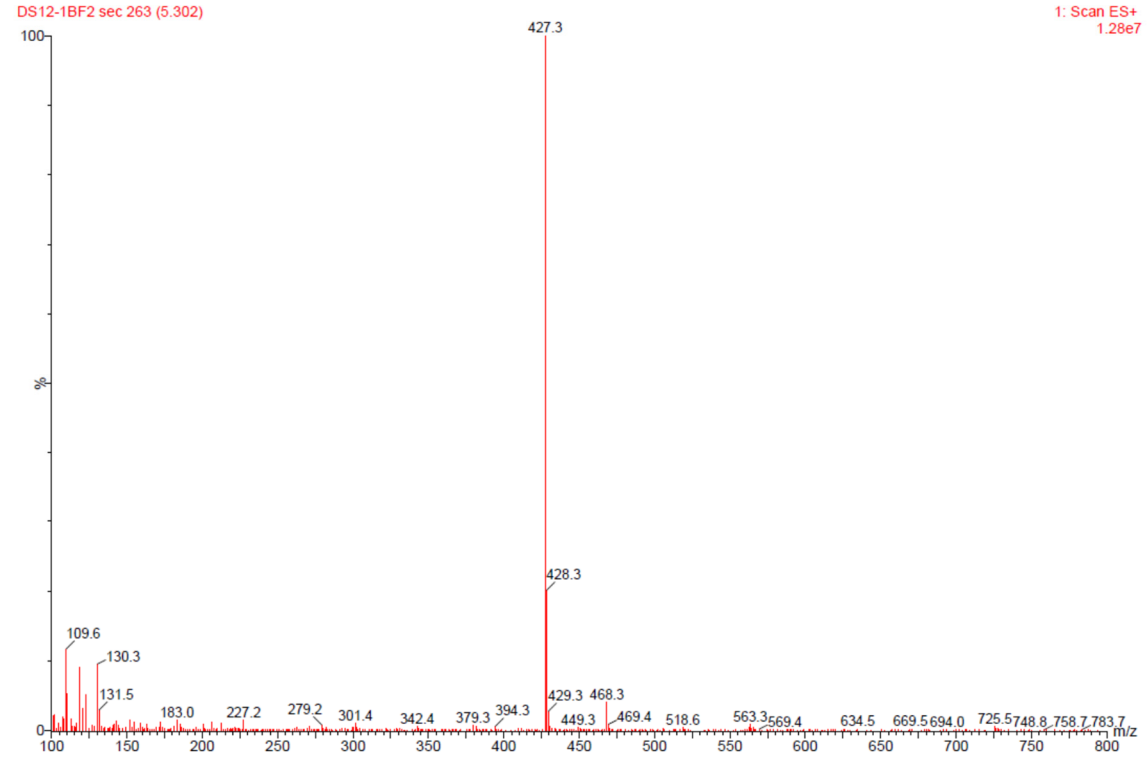


N-hydroxy-4-[2-(3-methoxy-4-iodophenyl)acetamido]benzamide (iodo-JF363)

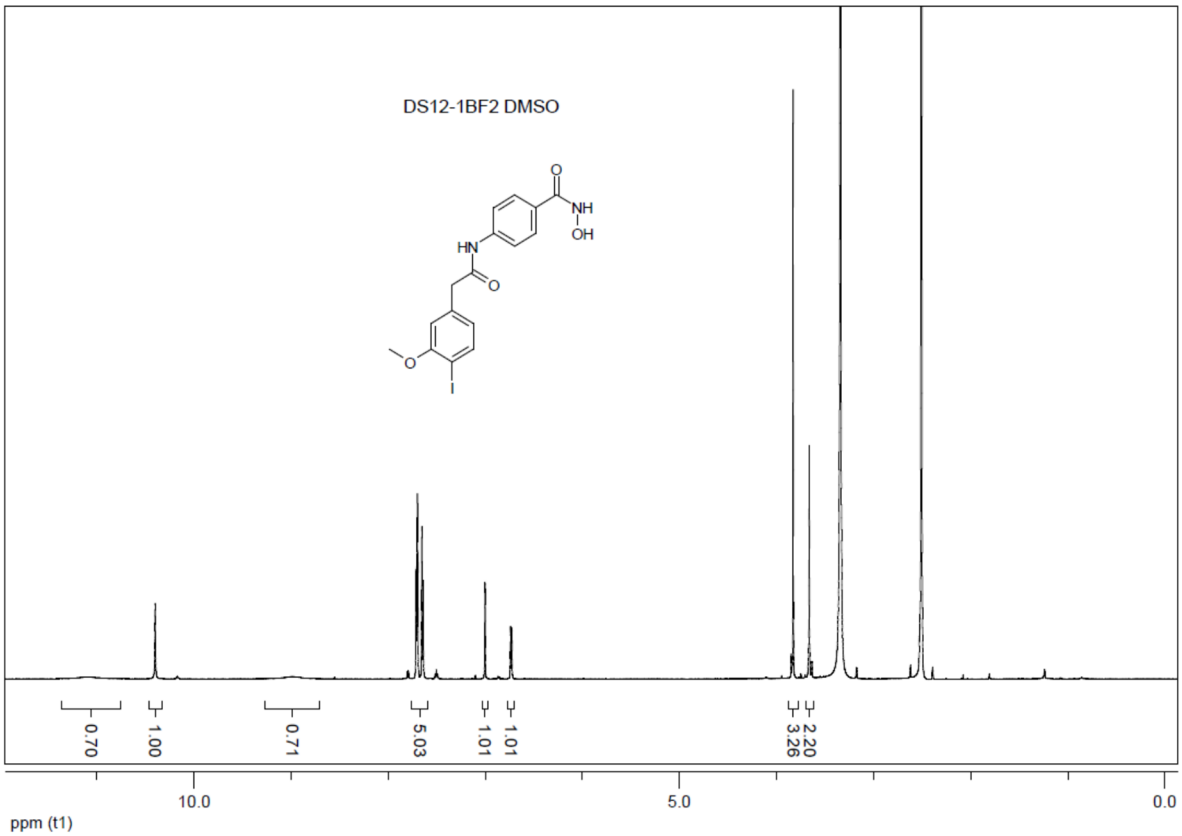
^{1}H NMR (DMSO-d6, 300 MHz): d 11.09 (br s, 1H); 10.39 (s, 1H); 8.98 (br s, 1H); 7.73-7.66 (m, 3H); 7.64 (d, *J*=8.7Hz, 2H); 6.99 (d, *J*=1.5Hz, 1H); 6.73 (dd, *J*=1.6 and 7.9Hz, 1H); 3.82 (s, 3H); 3.66 (s, 2H). HPLC purity 96.2%. MS ESI+H^+ calc. 427.2 exp. 427.3



High Pressure Liquid Chromatography (HPLC) of iodo-JF**363**



Mass Spectrometry (MS) of iodo-JF**363**



Nuclear Magnetic Resonance (NMR) of iodo-JF**363**