**3-(4-(Difluoromethoxy)phenyl)-5-(phenethylthio)-[1,2,4]triazolo[4,3-a]pyrazine, OSM-S-363**

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Representative Example: http://bit.ly/2kYCKkW

Prepared according to General Procedure **D** from: **OSM-S-XXX** (1.00 g, 3.40 mmol, 1.0 equiv.), phenylethyl mercaptan (455 μL, 3.40 mmol, 1.0 equiv.), KOH (630 mg, 11.2 mmol, 3.3 equiv.) and 18-crown-6 (80 mg, 0.30 mmol, 0.08 equiv.); 40 ˚C, 3 h; purified by automated flash chromatography over silica (Biotage Isolera, 12–100% ethyl acetate in hexanes) to give the title compound as a yellow powder (314 mg, 23%); **m.p.** 154–155 ˚C; **IR** νmax (film) /cm-1 XX; **1H NMR** (300 MHz, CDCl3) δ: XX; **13C NMR** (75 MHz, CDCl3) δ: 155.62, 152.81, 147.20, 144.47, 140.02, 130.13, 130.06, 128.74, 128.66, 126.71, 122.98, 120.38, 119.01 115.54, 112.08, 111.21, 35.39, 30.48; **m/z** (ESI+) 421.12 [M+Na]+; **HRMS** (ESI+) found 421.09059 [M+Na]+, C20H16F2N4OSNarequires421.09052.

*FC(F)OC1=CC=C(C2=NN=C3C=NC=C(N32)SCCC4=CC=CC=C4)C=C1*

*InChI=1S/C20H16F2N4OS/c21-20(22)27-16-8-6-15(7-9-16)19-25-24-17-12-23-13-18(26(17)19)28-11-10-14-4-2-1-3-5-14/h1-9,12-13,20H,10-11H2*