**(±)-4-(5-(2-(3,4-Difluorophenyl)-2-methoxyethoxy)-[1,2,4]triazolo[4,3-a]pyrazin-3-yl)benzonitrile, OSM-S-208**



Representative Example: <http://malaria.ourexperiment.org/uri/5a4>

Prepared according to General Procedure **D** from: **OSM-S-331** (81 mg, 0.43 mmol, 1.1 equiv.), **OSM-S-219** (0.12 g, 0.45 mmol, 1.0 equiv.), KOH (80 mg, 1.4 mml, 3.3 equiv.) and 18-crown-6 (9.0 mg, 30 μmol, 0.08 equiv.); 40 ˚C, 1 h; purified by automated flash chromatography over silica (Biotage Isolera, 10–100% EtOAc in hexanes) to give the title compound as a yellow solid (43 mg, 25%); **m.p.** XX–XX ˚C; **IR** νmax (film) /cm-1 XX; **1H NMR** (400 MHz, CDCl3) δ: 9.06 (1H, bs), 7.93 (2H, d, *J* 8.1), 7.82 (2H, d, *J* 8.1), 7.36 (1H, bs), 7.19–7.09 (1H, m), 6.95–6.85 (2H, m), 4.32–4.18 (3H, m), 3.13 (3H, s); **13C NMR** (101 MHz, CDCl3) δ: 151.8 (dd, *J* 12.4, 11.6), 149.4 (dd, *J*, 12.4, 11.6), 147.9, 145.5, 143.6, 136.7, 133.2 (m, *J* 4.1, 4.4), 132.1, 131.5 (d, *J* 7.2), 122.9 (dd, *J* 6.4, 3.7), 118.1, 117.9 (d, *J* 17.6), 115.7 (d, *J* 17.6), 113.6, 109.0, 79.7, 73.8, 56.9; **19F{1H} NMR** (377 MHz, CDCl3) δ: -135.6 (d, *J* 20.7), -136.5 (d, *J* 20.7); **HRMS** (ESI+) found 408.12683 [M+H]+, C­­­­21H16F2N5O2 requires408.12666.

*FC1=C(F)C=CC(C(OC)COC2=CN=CC3=NN=C(C4=CC=C(C#N)C=C4)N32)=C1*

*InChI=1S/C21H15F2N5O2/c1-29-18(15-6-7-16(22)17(23)8-15)12-30-20-11-25-10-19-26-27-21(28(19)20)14-4-2-13(9-24)3-5-14/h2-8,10-11,18H,12H2,1H3*

All approaches: http://malaria.ourexperiment.org/uri/5ba

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