***N*-(5-Chloro-2-methylphenyl)-3-(4-(difluoromethoxy)phenyl)-[1,2,4]triazolo[4,3-a]pyrazine-5-carboxamide, OSM-S-254**



Representative Example: http://malaria.ourexperiment.org/uri/623

Prepared according to General Procedure **F** from: **OSM-S-XXX** (200 mg, 0.46 mmol) to give the title compound as a white solid (144 mg, 73%); **m.p.** 247–248 ˚C; **IR** νmax (film) /cm-1 1686, 1582, 1530, 1462; **1H NMR** (400 MHz, DMSO-d*6*) δ: 10.42 (1H, s), 9.66 (1H, s), 8.35 (1H, s), 7.70 (2H, dapp, *J* 8.7), 7.29 (2H, dapp, *J* 8.6), 7.28 (1H, t, *J* 78.5), 7.24 (1H, d, *J* 8.2), 7.17 (1H, dd, *J* 8.2, 2.2), 7.06 (1H, d, *J* 2.1), 2.19 (3H, s); **13C NMR** (100 MHz, DMSO-d*6*) δ: 157.96, 152.35, 146.76, 146.03, 145.79, 135.78, 131.85, 130.42 (2 C), 130.34, 130.32, 129.82, 125.66, 124.35, 124.10, 123.68, 118.13 (2 C), 118.93 (t, *J* 258.0), 17.12; **m/z** (ESI+) 430 [M+H]+, 462 [M+MeOH+H]+; **HRMS** (APCI+) found 430.08711 [M+H]+, C20H15ClF2N5O2 requires 430.08769; **CHNX** Anal. Calcd. for C20H14ClF2N5O2: C, 55.89; H, 3.28; N, 16.28. Found: C, 56.01; H, 2.97; N, 16.23.

*O=C(NC1=CC(Cl)=CC=C1C)C2=CN=CC3=NN=C(C4=CC=C(OC(F)F)C=C4)N32*

*InChI=1S/C20H14ClF2N5O2/c1-11-2-5-13(21)8-15(11)25-19(29)16-9-24-10-17-26-27-18(28(16)17)12-3-6-14(7-4-12)30-20(22)23/h2-10,20H,1H3,(H,25,29)*