***N-*(5-Chloro-2-methylphenyl)-3-(4-methoxyphenyl)-[1,2,4]triazolo[4,3-a]pyrazine-5-carboxamide, OSM-S-257**



Representative Example: http://malaria.ourexperiment.org/uri/64d

Prepared according to General Procedure **F** from: **OSM-S-XXX** (150 mg, 0.38 mmol) to give the title compound as a white solid (81 mg, 55%); **m.p.** 273–274 ˚C; **IR** νmax (film) /cm-1 3155, 2918, 1674, 1534, 1462, 1303, 1256; **1H NMR** (400 MHz, DMSO-d*6*) δ: 10.39 (1H, s), 9.63 (1H, s), 8.29 (1H, s), 7.56 (2H, dapp, *J* 8.7), 7.23 (1H, dd, *J* 8.3, 0.5), 7.26 (1H, dd, *J* 8.2, 2.2), 7.03 (2H, dapp, *J* 8.8), 6.98 (1H, d, *J* 2.2), 3.79 (3H, s), 2.19 (3H, s); **13C NMR** (100 MHz, DMSO-d*6*) δ: 161.18, 158.43, 147.95, 146.38, 146.12, 136.31, 132.28, 130.76, 130.50 (2 C), 130.44, 130.17, 126.04, 125.06, 124.26, 119.80, 114.48 (2 C), 55.72, 17.62; **m/z** (ESI+) 394 [M+H]+, 416 [M+Na]+; **HRMS** (APCI+) found 394.10637 [M+H]+, C20H17ClN5O2 requires 394.10653; **CHNX** Anal. Calcd. for C20H16ClN5O2: C, 61.00; H, 4.10; N, 17.78. Found: C, 61.00; H, 3.90; N, 17.43.

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

*InChI=1S/C20H16ClN5O2/c1-12-3-6-14(21)9-16(12)23-20(27)17-10-22-11-18-24-25-19(26(17)18)13-4-7-15(28-2)8-5-13/h3-11H,1-2H3,(H,23,27)*