***N*-(3-Chloro-2-fluorophenyl)-3-(4-methoxyphenyl)-[1,2,4]triazolo[4,3-a]pyrazine-5-carboxamide, OSM-S-256**



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

Prepared according to General Procedure **F** from: **OSM-S-XXX** (150 mg, 0.38 mmol) to give the title compound as a beige solid (78 mg, 58%); **m.p.** 229–230 ˚C; **IR** νmax (film) /cm-1 3175, 3046, 1672, 1525, 1455, 1287; **1H NMR** (400 MHz, DMSO-d*6*) δ: 10.75 (1H, s), 9.61 (1H, s), 8.23 (1H, s), 7.60 (1H, ddd, *J* 8.4, 7.0, 1.5), 7.50 (2H, dapp, *J* 8.7), 7.35 (1H, ddd, *J* 8.3, 6.8, 1.5), 7.14 (1H, td, *J* 8.2, 1.4), 6.89 (2H, dapp, *J* 8.7), 3.66 (3H, s); **13C NMR** (100 MHz, DMSO-d*6*) δ: 160.49, 158.12, 148.91 (d, *J* 249), 147.43, 146.01, 145.66, 130.22, 129.91 (2 C), 126.25, 124.80 (d, *J* 5.8), 124.62, 122.07, 119.68 (d, *J* 15.4), 119.17, 113.88 (2 C), 55.17; **m/z** (ESI+) 398 [M+H]+, 430 [M+MeOH+H]+, 452 [M+MeOH+Na]+; **HRMS** (APCI+) found 398.08134 [M+H]+, C19H14ClFN5O2 requires 398.08146; **CHNX** Anal. Calcd. for C19H13ClFN5O2: C, 57.37; H, 3.29; N, 17.61. Found: C, 57.36; H, 3.10; N, 17.19.

*O=C(NC1=CC=CC(Cl)=C1F)C2=CN=CC3=NN=C(C4=CC=C(OC)C=C4)N32*

*InChI=1S/C19H13ClFN5O2/c1-28-12-7-5-11(6-8-12)18-25-24-16-10-22-9-15(26(16)18)19(27)23-14-4-2-3-13(20)17(14)21/h2-10H,1H3,(H,23,27)*