**3-(Naphthalen-2-yl)-5-phenethoxy-[1,2,4]triazolo[4,3-*a*]pyrazine, OSM-S-297**



Representative Example: http://malaria.ourexperiment.org/uri/85c

Prepared according to General Procedure **D** from: **OSM-S-326** (0.56 g, 2.00 mmol, 1.0 equiv.), 2-phenylethanol (244 mg, 2.00 mmol, 1.0 equiv.), KOH (393 mg, 7.00 mmol, 3.5 equiv.) and 18-crown-6 (106 mg, 400μmol, 0.20 equiv.); 40 ˚C, X h; purified by automated flash chromatography over silica (Biotage Isolera, 50-80% EtOAc in hexanes) to give the title compound as \_\_\_ (0.36 g, 50%); **m.p.** 183–184 ˚C; **IR** νmax (film) /cm-1 XX; **1H NMR** (400 MHz, DMSO-d*6*) δ: 9.04 (1H, s), 8.31 (1H, d, *J* 1.0), 8.11–8.00 (3H, m), 7.82 (1H, dd, *J* 8.5, 1.7), 7.67–7.61 (2H, m), 7.57 (1H, s), 7.03–6.97 (1H, m), 6.91– 6.86 (2H, m), 6.56–6.51 (2H, m), 4.46 (2H, t, *J* 6.3), 2.73 (2H, t, *J* 6.2); **13C NMR** (101 MHz, DMSO-d*6*) δ: 148.7, 147.4, 146.7, 146.3, 144.1, 137.5, 135.1, 128.8, 128.4, 126.6, 125.4, 121.4, 111.4, 108.9, 107.7, 101.7, 71.4, 34.1; **m/z** (ESI+) 389 [M+Na]+; **HRMS** (ESI+) found 389.13701 [M+Na]+, C23H18N4ONa requires 389.13728.

*C12=NN=C(C3=CC(C=CC=C4)=C4C=C3)N1C(OCCC5=CC=CC=C5)=CN=C2*

*InChI=1S/C23H18N4O/c1-2-6-17(7-3-1)12-13-28-22-16-24-15-21-25-26-23(27(21)22)20-11-10-18-8-4-5-9-19(18)14-20/h1-11,14-16H,12-13H2*