**3-(Benzo[*d*][1,3]dioxol-5-yl)-5-phenethoxy-[1,2,4]triazolo[4,3-*a*]pyrazine,** **OSM-S-296**



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

Prepared according to General Procedure **D** from: **OSM-S-327** (549 mg, 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 (37.0 mg, 140μmol, 0.07 equiv.); 40 ˚C, 2.5 h; purified by automated flash chromatography over silica (Biotage Isolera, X–X% EtOAc in hexanes) to give the title compound as \_\_\_ (342 mg, 62%); **m.p.** 162–163 ˚C; **IR** νmax (film) /cm-1 XX; **1H NMR** (400 MHz, DMSO-d*6*) δ: 8.98 (1H, s), 7.54 (1H, s), 7.27 (1H, s) 7.19–7.15 (4H, m), 7.03 (XH, d, *J* 12), 6.94–6.87 (3H, m), 6.05 (2H, s), 4.47–4.40 (2H, m), 3.03–2.97 (2H, m); **13C NMR** (101 MHz, DMSO-d6) δ: 149, 148, 149, 147, 146, 138, 137, 130, 129, 127, 127, 112, 109, 108, 102, 71.8, 40.0, 34.4; **m/z** (ESI+) 383 [M+Na]+; **HRMS** (ESI+) found 383.11132 [M+Na]+, C20H16N4O3Na requires 383.11146.

*C12=NN=C(C3=CC(OCO4)=C4C=C3)N1C(OCCC5=CC=CC=C5)=CN=C2*

*InChI=1S/C20H16N4O3/c1-2-4-14(5-3-1)8-9-25-19-12-21-11-18-22-23-20(24(18)19)15-6-7-16-17(10-15)27-13-26-16/h1-7,10-12H,8-9,13H2*