

<sup>1</sup>H qNMR of 1-(4-(Benzylsulfonyl)phenyl)-5-(p-tolyl)-3-(trifluoromethyl)-1H-pyrazole (**2**) with 1,3,5-trimethoxybenzene (on half-scale)

mass of sample			12.4
MW analyte			456.48
#protons analyte			2
mass of TMB			11.1
ArH (3) integration			3
TMB/sample ratio by 1H NMR			3.7
Wt% purity	$((D6 * D5 * D3) / (168.19 * D2 * D4 * D7)) * 100$	equals	98.49459808

