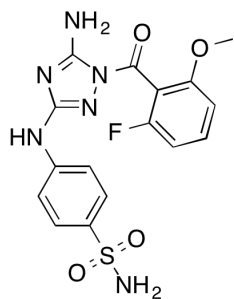**Compound characterization data.** Related to Figure 3 and STAR Methods.
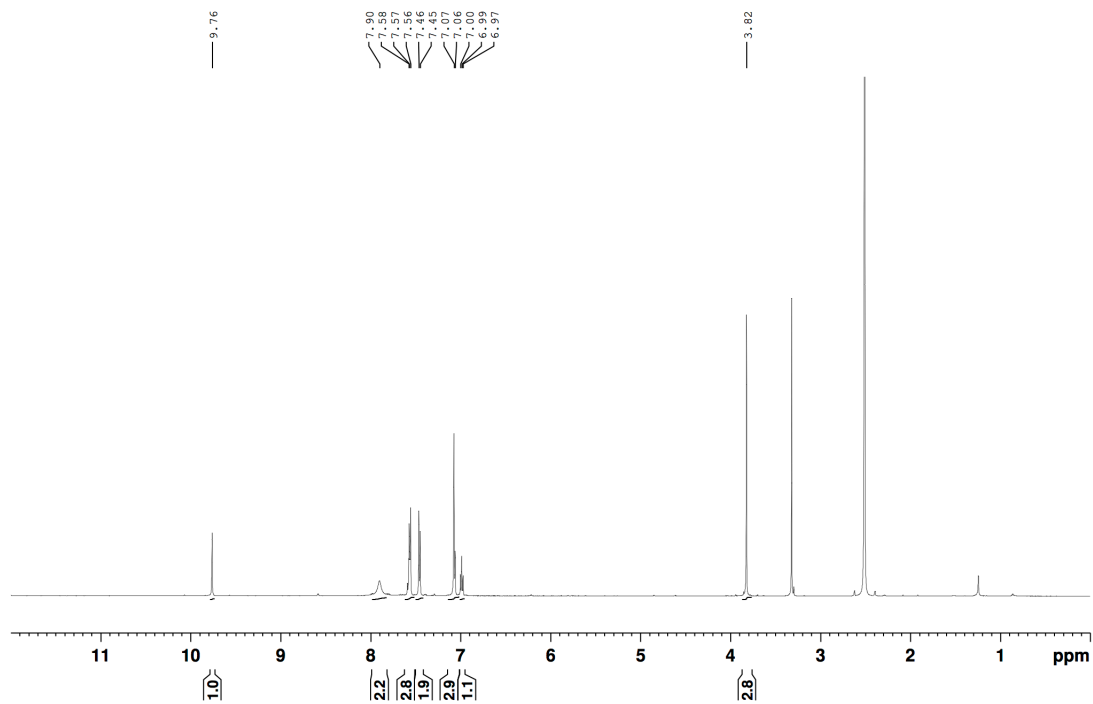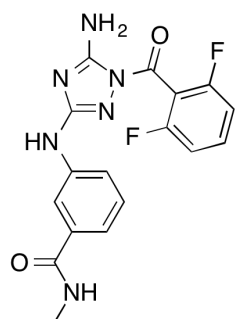

Compound **2**.

4-((5-amino-1-(2-fluoro-6-methoxybenzoyl)-1*H*-1,2,4-triazol-3-yl)amino)benzenesulfonamide

MS-ESI [MH$^+$]: expected for $C_{16}H_{15}FN_6O_4S$ 407.4, found 408. ^{1}H NMR (600 MHz, DMSO-d_6) δ 9.76 (s, 1H), 7.90 (br.s., 2H), 7.58 (m, 1H), 7.56 (d, *J* = 8.6 , 2H), 7.46 (d, *J* = 8.8, 2H), 7.07 (m, 3H), 6.99 (t, *J* = 8.7, 1H), 3.82 (s, 3H).
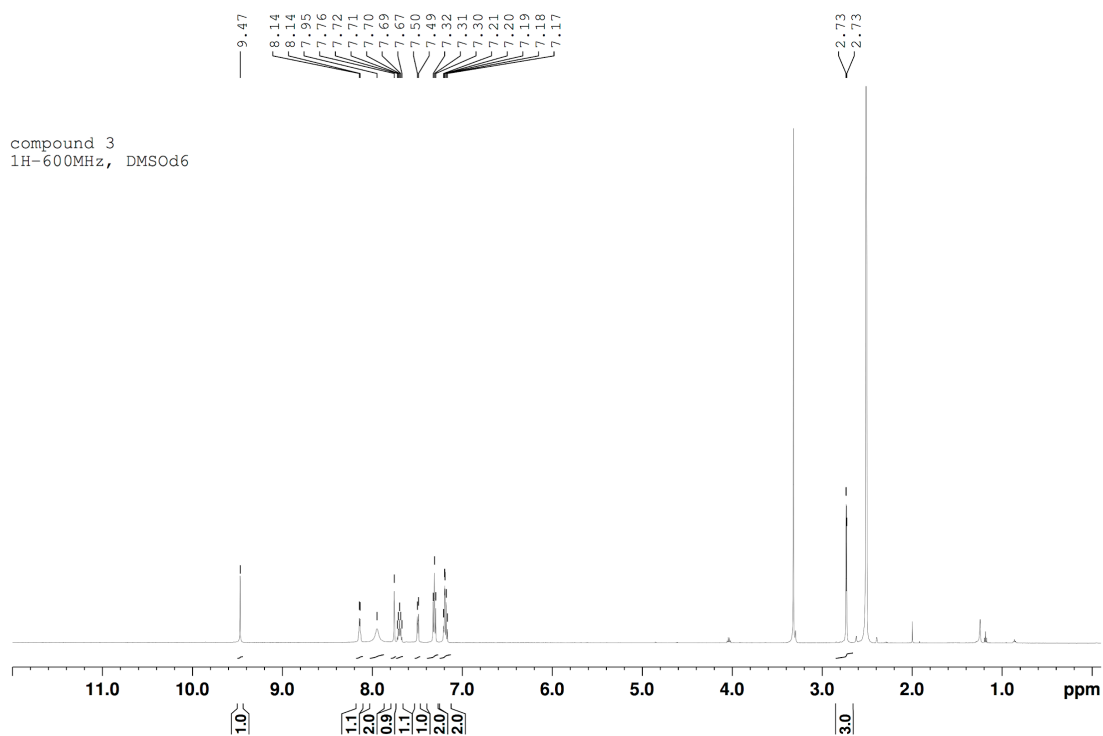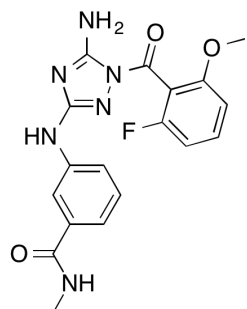
Compound **3**.

3-((5-amino-1-(2,6-difluorobenzoyl)-1*H*-1,2,4-triazol-3-yl)amino)-*N*-methylbenzamide

MS-ESI [MH$^+$]: expected for C$_{17}$H$_{14}$F$_2$N$_6$O$_2$ 372.3, found 373. ^{1}H NMR (600 MHz, DMSO-*d$_6$*) δ 9.47 (s, 1H), 8.14 (d, *J* = 4.5, 1H), 7.95 (br.s., 2H), 7.76 (s, 1H), 7.70 (m, 1H), 7.49 (d, *J* = 7.5,1H), 7.31 (t, *J* = 8.3, 2H), 7.19 (m, 2H), 2.73 (d, *J* = 4.5, 3H).

compound 3
1H-600MHz, DMSOd6

Compound **4**.

3-((5-amino-1-(2-fluoro-6-methoxybenzoyl)-1*H*-1,2,4-triazol-3-yl)amino)-*N*-methylbenzamide

MS-ESI [MH$^+$]: expected for C$_{18}$H$_{17}$FN$_6$O$_3$ 385.4, found 385.1. ^{1}H NMR (600 MHz, DMSO-*d$_6$*) δ 9.38 (s, 1H), 8.13 (d, *J* = 4.6, 1H), 7.85 (br.s., 2H), 7.73 (s, 1H), 7.53 (m, 2H), 7.17 (m, 2H), 7.03 (d, *J* = 8.4, 1H), 6.95 (t, *J* = 8.7, 1H), 3.83 (s, 3H), 2.80 (d, *J* = 4.5, 0.6H), 2.73 (d, *J* = 4.5, 2.4H).

compound 4
1H-600MHz, DMSOd6