

Acta Cryst. (2011). E67, o2356 [ doi:10.1107/S1600536811032533]

## $N$-(2-Bromophenyl)-4-methyl- $N$-(4-methylphenylsulfonyl)benzenesulfonamide

M. N. Arshad, I. U. Khan, K. T. Holman, A. M. Asiri and H. M. Rafique

Abstract: In the title compound, $\mathrm{C}_{20} \mathrm{H}_{18} \mathrm{BrNO}_{4} \mathrm{~S}_{2}$, the mean planes formed by the toluene substituents are inclined at a dihedral angle of $45.34(8)^{\circ}$. The bromobenzene group is disordered over two positions with an occupancy ratio of $0.74: 0.26$, resulting in two conformations of the ring; the two rings are oriented at a dihedral angle of $6.6(6)^{\circ}$ with each other. In the crystal structure, weak C-H. . .O interactions connect the molecules in a zigzag manner along the $a$ axis.

