3-(4-Bromophenyl)-1-phenyl-1H-pyrazole-4-carbaldehyde

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Abstract: In the title compound, C\textsubscript{16}H\textsubscript{11}BrN\textsubscript{2}O, the phenyl and chlorobenzene rings are twisted out of the mean plane of the pyrazole ring, forming dihedral angles of 13.70 (10) and 36.48 (10)°, respectively. The carbaldehyde group is also twisted out of the pyrazole plane [the C-C-C-O torsion angle is 7.9 (3)°]. A helical supramolecular chain along the b axis and mediated by C-H..O interactions is the most prominent feature of the crystal packing.