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4-[(*E*)-[2-(4-Iodobutoxy)benzylidene]amino]-1,5-dimethyl-2-phenyl-1*H*-pyrazol-3(2*H*)-one
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Abstract: The title Schiff base compound, C₂₂H₂₄IN₃O₂, adopts an *E* configuration about the central C=N bond. The pyrazolone ring makes a dihedral angle of 49.68 (10)^o with its attached phenyl ring. The phenolate plane makes dihedral angles of 16.78 (9) and 50.54 (9)^o, respectively, with the pyrazolone ring and the terminal phenyl ring. An intramolecular C-H...O hydrogen bond generates an *S*(6) ring motif. In the crystal structure, an intermolecular C-H...O hydrogen bond is also observed.