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4-(4-Bromophenyl)-2-oxo-1,2,5,6-tetrahydrobenzo[*h*]quinoline-3-carbonitrile

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Abstract: In the molecule of the title compound, C₂₀H₁₃BrN₂O, the tetrahydrobenzo[*h*]quinoline fused-ring system is buckled owing to the ethylene -CH₂CH₂- fragment, the benzene ring and the pyridine ring being twisted by 17.7 (1)°. The 4-substituted aromatic ring is bent away from the pyridine ring by 82.3 (1)° in order to avoid crowding the cyanide substituent. Two molecules are linked by a pair of N-H...O hydrogen bonds to form a centrosymmetric dimer.