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4-(4-Chlorophenyl)-8-methyl-2-oxo-1,2,5,6,7,8-hexahydroquinoline-3-carbonitrile

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Abstract: The six-membered *N*-heterocyclic ring of the title compound, C₁₇H₁₅ClN₂O, is fused with a methyl-substituted cyclohexene ring. The approximately planar nitrogen-bearing ring (r.m.s. deviation 0.019 Å) is aromatic, and the N atom shows a trigonal-planar coordination; its benzene substituent is aligned at 77.1 (1)°. The cyclohexene ring adopts a half-chair conformation. In the crystal, inversion-related molecules are linked by pairs of N-H...O hydrogen bonds, generating dimers.