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2-Oxo-4-(thiophen-2-yl)-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile

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Abstract: In the molecule of the title compound, $C_{18}H_{12}N_2OS$, the tetrahydrobenzo[h]quinoline fused-ring system is buckled owing to the ethylene - CH_2CH_2 - fragment, the benzene ring and the pyridine ring being twisted by 16.0 (1)°. The 4-substituted aromatic ring is bent away from the pyridine ring by 59.5 (2)° (for the major disordered thienyl component) in order to avoid crowding the cyanide substituent. In the crystal, two molecules are linked by a pair of N-H...O hydrogen bonds to form a centrosymmetric dimer. The thienyl ring is disordered over two sites in a 72.7 (2):27.3 ratio.