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2-(1*H*-1,3-Benzodiazol-2-ylsulfanyl)-1-(4-chlorophenyl)ethanone

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Abstract: The molecule in the structure of the title compound, C₁₅H₁₁ClN₂OS, displays two planar residues [r.m.s. deviation = 0.014 Å for the benzimidazole residue, and the ketone group is co-planar with the benzene ring to which it is attached forming a O-C-C-C torsion angle of -173.18 (14) °] linked at the S atom. The overall shape is based on a twisted V, the dihedral angle formed between the two planes being 82.4 (2) °. The amine-H atom is bifurcated, forming N-H...O and N-H...S hydrogen bonds leading to dimeric aggregates. These are linked into a supramolecular chain along the *c* axis via C-H...π hydrogen bonds. Chains form layers in the *ab* plane being connected along the *c* axis via weak π-π interactions [3.9578 (8) Å] formed between centrosymmetrically related chloro-substituted benzene rings.