3-Oxo-5-(piperidin-1-yl)-2,3-dihydro-1H-pyrazole-4-carbonitrile.

ABSTRACT

In the title compound, C9H12N4O, the piperidine ring adopts a chair conformation and makes a dihedral angle of 42.49 (11)° with the approximately planar pyrazole moiety [maximum deviation = 0.038 (2) Å]. In the crystal, N—H(...)O and N—H(...)N hydrogen bonds and a weak C—H(...)O interaction link the molecules into sheets lying parallel to (110).

Keyword: Single-crystal x-ray study.