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(E)-2-Methyl-6-[(1-phenyl-1H-pyrazol-4-yl)methyl-idene]cyclo-hexa-none
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Abstract
The asymmetric unit of the title compound, C17H 18N2O, contains two independent mol-ecules. In both, the cyclo-hexane ring adopts a flattened chair conformation, and the 3- and 4-methyl-ene C atoms as well as the methyl C atoms are disordered over two positions, the occupancy of the major component being 68 (1)% in one mol-ecule and 64 (1)% in the other. The phenyl and pyrazole rings in both mol-ecules are approximately coplanar, the r.m.s. deviations being 0.048 and 0.015 Å, respectively. Weak inter-molecular C - H···O hydrogen bonding is present in the crystal structure. © Asiri et al. 2011.

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