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4-[[*E*)-(3,5-Dimethyl-1-phenyl-1*H*-pyrazol-4-yl)methylidene]amino]-1,5-dimethyl-2-phenyl-1*H*-pyrazol-3(2*H*)-one

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Abstract: The title Schiff base compound, C₂₃H₂₃N₅O, was synthesized by the reaction of 4-aminophenazone and 3,5-dimethyl-1-phenylpyrazole-4-carboxaldehyde. The molecule adopts an *E* configuration about the central C=N double bond. A weak intramolecular C-H...O hydrogen bond generates an *S*(6) ring motif. The dihedral angle between the pyrazole rings is 24.72 (10)° and the dihedral angles between the pyrazole rings and the adjacent phenyl rings are 58.67 (10) and 46.58 (11)°. The crystal structure is stabilized by weak C-H...N interactions involving the pyrazolone and phenyl rings.