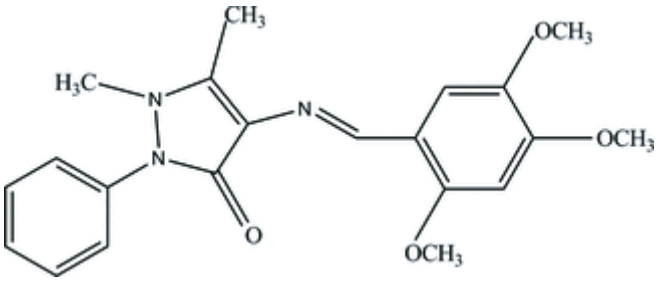

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4-[(*E*)-(2,4,5-Trimethoxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1*H*-pyrazol-3(2*H*)-one

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Abstract: The title compound, $C_{21}H_{23}N_3O_4$, adopts an *E* configuration about the central C=N double bond and the pyrazolone ring is almost planar, with a maximum deviation of 0.042 (1) Å. The central pyrazolone ring makes dihedral angles of 51.96 (5) and 3.82 (5)° with the attached phenyl and the trimethoxy-substituted benzene rings, respectively. The dihedral angle between the phenyl ring and the trimethoxy-substituted benzene ring is 50.19 (5)° and an intramolecular C-H...O hydrogen bond generates an *S*(6) ring motif. The crystal structure is stabilized by intermolecular C-H...O and C-H...N hydrogen bonds.