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(E)-1-(Naphthalen-1-yl)-3-(1-phenyl-1H-pyrazol-4-yl)prop-2-en-1-one

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Abstract: In the title molecule, C₂₂H₁₆N₂O, the phenyl ring is twisted slightly with respect to the plane of the central pyrazole ring [dihedral angle = 14.8 (2)^o]; the central ring is connected to the naphthyl ring through a -CH=CH-C(=O)-fragment, whose C=C double bond has an *E* configuration. The pyrazole ring and naphthalene ring system are twisted by 46.3 (1)^o. Weak intermolecular C-H...O hydrogen bonds link the molecules, forming supramolecular chains running along the *a* axis. The crystal studied was a non-merohedral twin with a component ratio of 0.544 (2):0.456 (2).