

Short Note

4-[(Anthracen-9-ylmethylene)amino]-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-one

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Abstract: The title compound, 4-[(anthracen-9-ylmethylene)amino]-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-one (**3**), was synthesized in high yield by reaction of anthracene-9-carbaldehyde and 4-aminoantipyrine in ethanol. The structure of this new compound was confirmed by elemental analysis, IR, ¹H NMR, ¹³C NMR and GC-MS spectral data.

Keywords: Schiff base; anthracene aldehyde; 4-aminoantipyrine