

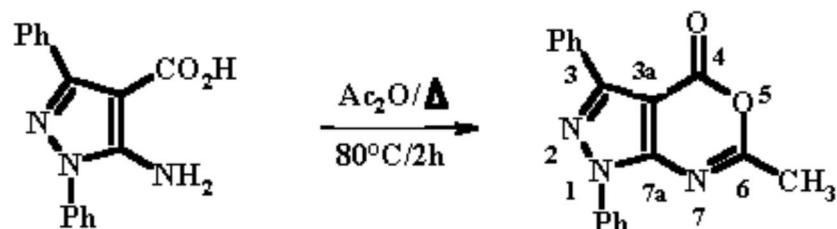
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## 6-Methyl-1,3-diphenylpyrazolo[3,4-d]oxazin-4-one

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b-Pyrazolic amino acid [1] (2 mmoles) was dissolved in acetic anhydride [2]. The mixture was heated at 80°C with stirring. The reaction was complete after 2 hours. After cooling, the solvent was evaporated. The oily residue was dissolved in ether and kept at 0°C. A white solid precipitate formed, which was collected by filtration and washed several times with ether. Yield 88%.

Melting point = 134-135 °C.

MS:  $m/z$  = 304 (M+1).

IR (KBr,  $\text{cm}^{-1}$ ): 1758 (C=O), 1614 (C=N), 1580 (C=N).

$^1\text{H}$  NMR (250 MHz,  $\text{CDCl}_3$ ): 2.57 (s, 3H, -CH<sub>3</sub>), 7.45-7.75 (m, 6H, Ar-H), 8.1 (d, 2H, Ar-H,  $J$  = 8.25 Hz), 8.3 (d, 2H, Ar-H,  $J$  = 8.12 Hz).

$^{13}\text{C}$  NMR (62.5 MHz,  $\text{CDCl}_3$ ): 22.2 (CH<sub>3</sub>) ; 98.26 (C<sub>3a</sub>) ; 123.57(2C) ; 128.63(2C) ; 128.93(1C) ; 129.46(2C) ; 130.20(2C) ; 130.54 ; 131.42 ; 138.09 ; 149.6(C<sub>7a</sub>) ; 152.56(C<sub>3</sub>) ; 156.01(C<sub>6</sub>) ; 167.82(C<sub>4</sub>).

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*Sample Availability:* Available from the authors and from MDPI.

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