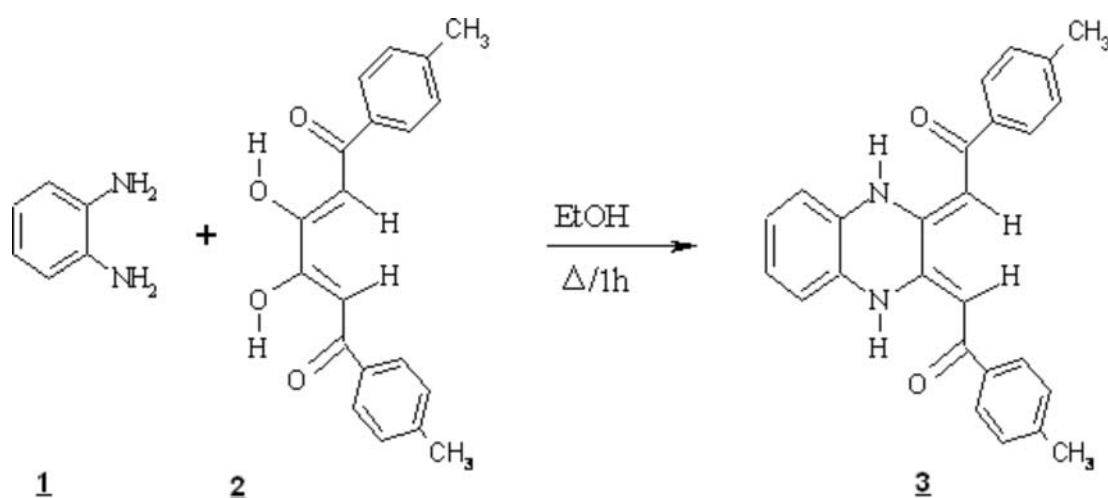


Molbank 2004, M355

<http://www.mdpi.net/molbank/>**2-[-3-(2-(4-methylphenyl)-2-oxoethylidene)-1,4-dihydro- quinoxaline-2(1H)-ylidene]-1-(4-methylphenyl) ethanone****Mohamed El Kodadi, Fouad Malek, Rachid Touzani, Ismail Zidane, Ibrahim Bouabdallah and Abdelkrim Ramdani*.**

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The product **3** was prepared by the condensation of dienone **2** [1] (1g, 3.11 mmol) with o-phenylenediamine **1** (0.33g, 3.11 mmol) by refluxing an ethanol (50 mL) solution for 1 h. under nitrogen [2, 3]. The brown solid that formed, was collected by filtration and was purified by recrystallization in (acetone-chloroform : 50-50). The colour of the compound: red, yield : (1g, 81%).

Melting point : 198-200°C (acetone-chloroform)

IR (KBr, cm^{-1}) : 1570 (C=O) ; 1410 (C=C).

$^1\text{H-NMR}$ (200 MHz, CDCl_3) d : 7.9 (d, 4H, J= 8.06Hz, -CH Benz) ; 7.31 (d, 4H, J= 8.06Hz, CH Benz) ; 7.15-7.17 (m, 4H, -CH Benz) ; 6.51 (s, 2H, -CHCO) ; 2.44 (s, 6H, 2CH₃).

E. A: Anal. Calc for: $\text{C}_{26}\text{H}_{22}\text{N}_2\text{O}_2 \cdot \text{C}_6\text{H}_6 \cdot \text{H}_2\text{O}$, C : 78.34, H : 6.16, N : 5.71
 Found, C : 79.16, H : 5.78, N : 5.86.

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4. Benzene was used in a former cristallization.

Sample Availability: Available from the Authors.

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