

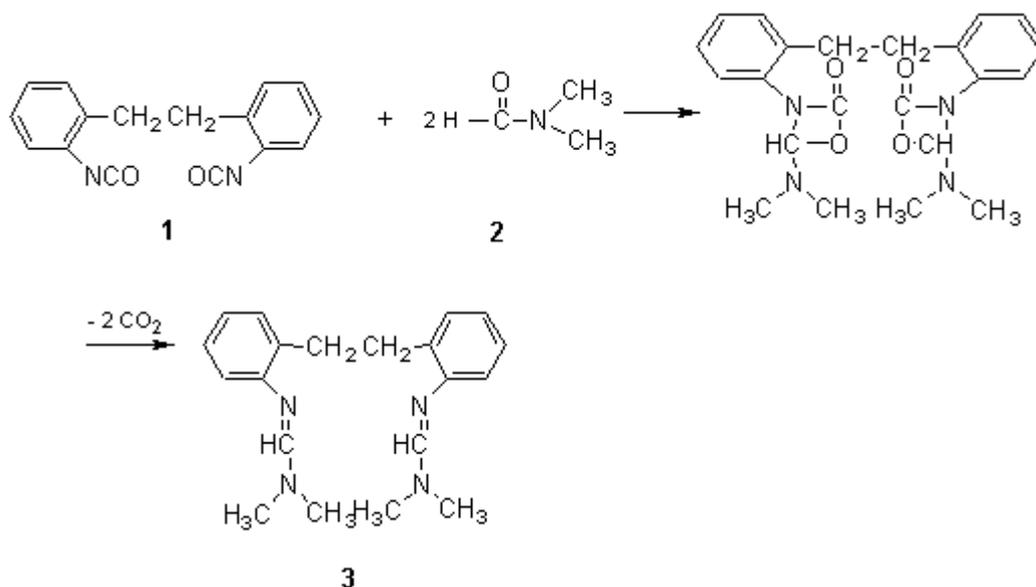
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## 1,2-Ethylene-bis(o-N<sup>2</sup>-phenylene-N<sup>1</sup>,N<sup>1</sup>-dimethylformamide)

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A mixture of 3.71 mmol (0.98 g) of bibenzil-2,2-di-yl-diisocyanate (1) [1] and 74.16mmol (5.42 g) of redistilled N,N-dimethylformamide (2) was refluxed under stirring for 8 h, with complete absorption of any carbon dioxide in aqueous potassium hydroxide solution [2]. The major portion of the unchanged 2 was removed by vacuum distillation. After cooling the residue is triturated with diethyl ether, and the precipitated solid is recrystallized from ethanol to afford 0.7417 g (62 %) of 3.

M.p.: 222-224°C.

IR (cm<sup>-1</sup>): 1640; 1590 (C=N); 1510; 1480; 1370 (C-N); 840.

<sup>1</sup>H NMR (CDCl<sub>3</sub>): 7.63 (s, 2H, -CH=N); 7.125 (d, 4H, H<sub>Ar</sub>); 6.87 (d, 4H, H<sub>Ar</sub>); 3.12 (s, 12 H, -CH<sub>3</sub>); 2.95 (s, 4H, >CH<sub>2</sub>).

Anal. calc. for C<sub>20</sub>H<sub>26</sub>N<sub>4</sub> (322.457): C 74.50, H 8.13, N 17.37; Found: C 74.28, H 8.13, N 17.52.

### References

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2. Weiner, M.L. *J. Org. Chem.* **1960**, *25*, 2245.

*Sample availability:* available from the authors and from MDPI.

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