

Microwave assisted organic synthesis of 1,3,5-triazine dimmers with their application in supramolecular chemistry

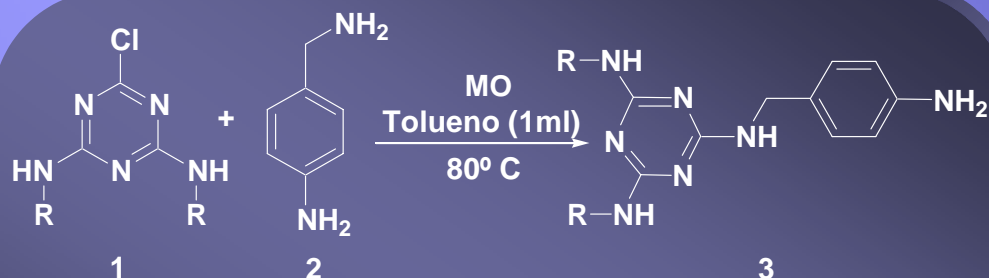
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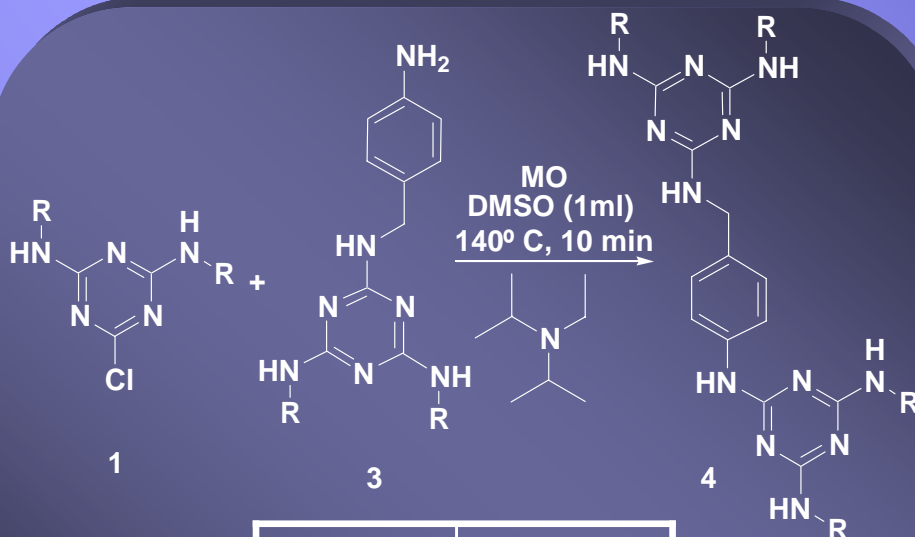


	t (min)	3 (%)
	15	99
	20	96
	45	84

1,3,5-triazine derivatives are widely used as herbicides in agriculture, drugs, polymers, in analytical chemistry as complex agents and electrochemistry as redox systems.

In the last years, it has grown the interest of these compounds due to their utilization like structures based in the design of multidimensional crystals, which implies the complex metal for the production of compounds of oligonuclear coordination or for formation of bridges of hydrogen with systems of cyanuric acid, as well as for their applications in medicine, since they possess antitumoral activity.

The dimeric systems present a special interest since they allow to extend the range of applications for the formation of supramolecular structures.



	4 (%)
	61
	67
	88