



Synthesis of 4,7-dibromo-9H-carbazole and its N-alkylation under Microwave Activation Conditions in a Flow-type Microwave Reactor

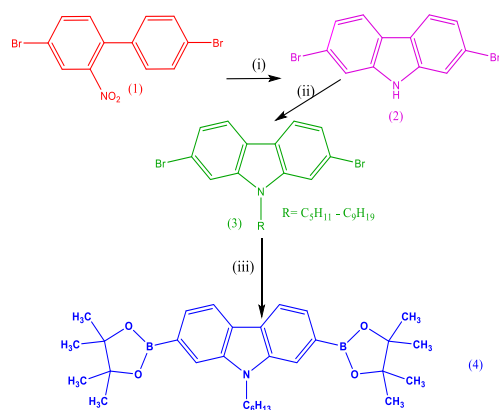
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The study is devoted to one of the most popular and expensive building blocks synthesis design (4) in a microwave flow reactor, which are used in the Photovoltaic Polymers synthesis. Replacing the bath-type reactor, in which we studied this reaction before, [1,2] with a flow-type reactor opens up the possibility for industrial production (4) under microwave activation conditions.



The use of a microwave flow reactor allowed to avoid a reducing of the microwave synthesis efficiency by increasing the amount of reagents and obtaining a bigger amount of product (2), (3), (4).

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References

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