

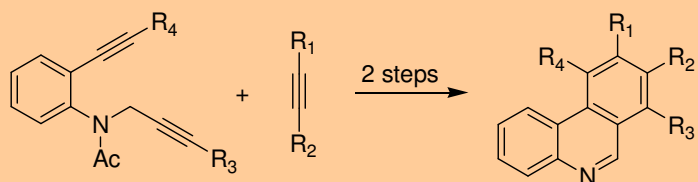
Solid-Supported Cyclotrimerization Reactions

Alexander Deiters

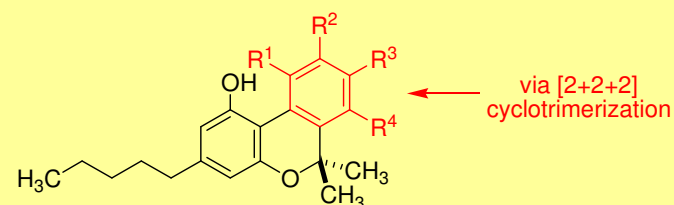
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Substantial advances have been made in the application of microwave-mediated [2+2+2] cyclotrimerization reactions in the synthesis of biologically relevant structures, natural products, and fluorophore arrays.

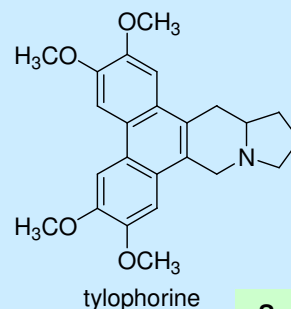
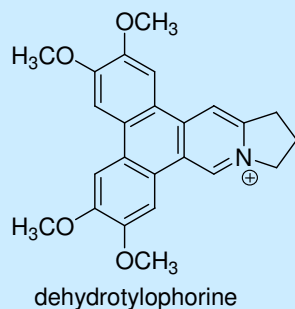
Phenanthridine Synthesis via [2+2+2] Cyclotrimerization Reactions



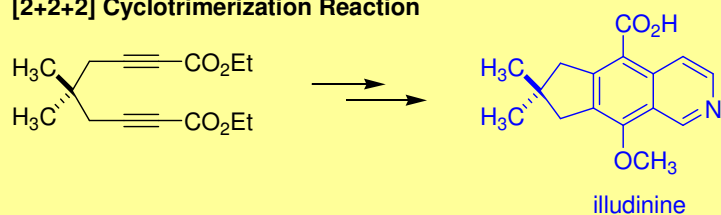
A Cyclotrimerization Route to Cannabinoids



A General Approach to Triphenylenes and Azatriphenylenes: Total Synthesis of Dehydrotylophorine and Tylophorine



Example of a Total Synthesis Enabled by a Microwave-mediated [2+2+2] Cyclotrimerization Reaction



Synthesis of Anthracene and Azaanthracene Fluorophores via [2+2+2] Cyclotrimerization Reactions

