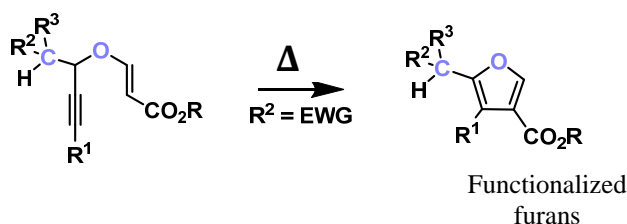


SYNTHESIS AND REACTIVITY OF ALKYNYL VINYL HYDRAZINES

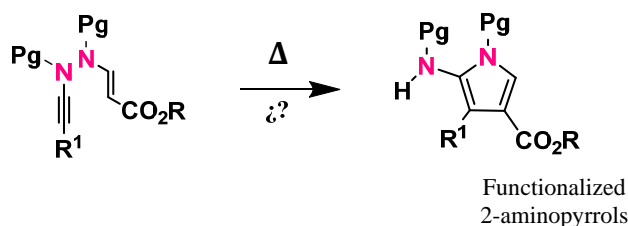
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The propargyl-Claisen rearrangement of propargyl vinyl ethers (PVEs) has received increasing interest from our research group during the last years, since a rational selection of the substitution pattern and of the reaction conditions have allowed us to generate a broad array of biologically relevant compounds [1]. Within this line of research, tertiary PVEs having an electron-withdrawing group (EWG) at the propargylic position have been successfully transformed into trisubstituted furans [2].



As part of our ongoing research we have considered to study the replacement of the propargylic carbon and the oxygen of the starting PVE by two nitrogen atoms, which should lead us to nitrogenated compounds analogous to furans. Here we show the preliminary results of our proposal.



Acknowledgements: The authors thank the Spanish Ministry of Economy and Competitiveness (MINECO), the European Regional Development Funds (ERDF) (CTQ2015-63894-P), and the Canarian Agency for Research, Innovation and the Information Society (ACIISI) (ProID2017010019 ACIISI/FEDER, EU) for financial support.

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[2]. Tejedor D, Cotos L, García-Tellado F (2011). *Org Lett* 13: 4422-4425.